Undergraduate Curricula

**BACHELOR OF ARTS (BA) DEGREE**

The Bachelor of Arts Degree is awarded in the following majors:

- Arts Administration, concentration in Music Industry
- Arts Administration, concentration in Visual Arts
- Communication, concentration in Electronic Media
- Communication, concentration in Journalism
- Communication, concentration in Public Relations
- Cyber Defense and Information Assurance
- English
- English with Licensure in Integrated Language Arts, in conjunction with Lourdes College
- English with Licensure in Middle School Education, in conjunction with Lourdes College
- General Science, concentration in Behavioral Science
- General Science, concentration in Chemistry
- Government and National Security, concentration in Intelligence & Security Studies
- Government and National Security, concentration in Politics & Government History
- History
- History with Licensure in Integrated Social Studies, in conjunction with Lourdes College
- History with Licensure in Middle School Education, in conjunction with Lourdes College
- Professional Music
- Professional Studies
- Psychology, concentration in Addictions Counseling
- Psychology, concentration in Experimental Psychology
- Psychology, concentration in Human Services
- Science with Licensure in Middle School Education, in conjunction with Lourdes College

BA degree candidates must complete the course work and semester hours as specified below. Courses marked with an asterisk (*) under each major count toward the core major 2.50 cumulative grade point average requirement.

Knowledge Skills and General Education Core* ........................................... 49 hours
Total Semester hours for the major ....................................................... 48 hours
Open Electives/ Minor ........................................................................ 24 hours
Minimum Total hours for the degree.................................................. 121-123 semester hours
Total hours for a degree that includes Education ............................. 127-158 semester hours

*In selecting courses to fulfill the General Education Core requirements, the following courses are recommended to ensure that prerequisites are satisfied for the major:
- Arts Administration: CIS111
- English and English Education: ENG360 or ENG361
- Government and National Security: HIS112, CUL220
- History Education:
  - CUL210 or 220, HIS111, CUL448 or 449 to meet Literature requirement

**MAJOR: ARTS ADMINISTRATION**

The program incorporates 4 branches of learning: the arts, business, research and technology. The program is flexible enough to allow students to achieve a balance of artistic and managerial concerns, and of theory and hands-on experience. The high degree of flexibility allows students to tailor a degree program according to their individual needs and interests. Arts Administration also serves students who plan to pursue graduate studies in Arts Management at a variety of institutions across the country.

**CORE COURSES**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGT201</td>
<td>Management of Organizations</td>
<td>3</td>
</tr>
<tr>
<td>MKT151</td>
<td>Introductory Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MKT364</td>
<td>Event Marketing and Management</td>
<td>3</td>
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<tr>
<td>*SAS465</td>
<td>Managing the Arts</td>
<td>3</td>
</tr>
<tr>
<td>*SAS470</td>
<td>Internship (w)</td>
<td>3</td>
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<tr>
<td>Three of the following:</td>
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<tr>
<td>ACC201</td>
<td>Survey of Accounting</td>
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<tr>
<td>CIS255</td>
<td>Internet and Website Development I</td>
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<tr>
<td>COM212</td>
<td>Introduction to Public Relations (w)</td>
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<tr>
<td>COM329</td>
<td>Writing for Electronic Media (w)</td>
<td></td>
</tr>
<tr>
<td>LAW211</td>
<td>Business Law I</td>
<td></td>
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<tr>
<td>MGT301</td>
<td>Organizational Behavior</td>
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<tr>
<td>MKT402</td>
<td>Marketing Research (w)</td>
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<tr>
<td>SRM325</td>
<td>Facilities Management</td>
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</tbody>
</table>

Total ........................................................................................................... 24 hours
MAJOR: ARTS ADMINISTRATION (continued)

CONCENTRATION: MUSIC INDUSTRY

The curriculum includes a core of courses in music theory, practices, and historical development, combined with applied musical study. These courses provide the common foundation knowledge required of all music industry professionals.

*MUP121 Musicianship I .................................................. 3 hours
*MUS100 Music Convocation (2 semesters required) ........... 0 hours
*MUS230 Introduction to Sound and Recording Technology .... 3 hours
*MUS327 Survey of Music Business .................................. 3 hours
*MUS427 Music Business Seminar ................................... 3 hours
*Two of the following: ................................................... 6 hours
  *MUP221 Musicianship II
  *MUP240 The Rhythm Section
  *MUS324 Survey of American Popular Music (w)
  *MUS330 Recording Studio Performance & Practice

One of the following sequences ...................................... 3 hours
  MUS110, MUS210, and MUS310 Instrumental Ensembles, or
  MUS112, MUS212, and MUS312 Choral Ensembles

The following sequence performed on only one instrument:
  MUS115, MUS215, MUS315 Private Music Instruction: Primary Area 3 hours

Total ................................................................. 24 hours

CONCENTRATION: VISUAL ARTS

Studio and art history courses will use a global thematic approach to develop the student's vocabulary and interpretive skills with an emphasis on contemporary applications and interpretations. Visual applications will originate from either formal art studio courses, digitally based visual communication courses, or a combination of the two areas.

ART201 Introduction to Art History (w) .............................. 3 hours
ART340 Topics in Art History (w) ....................................... 3 hours
*ART392 Advanced Studio Practice .................................. 3 hours
*ART415 Art, Audience, and Community ........................... 3 hours
  *Four of the following ............................................. 12 hours
  *ART120 2D Foundations
  *ART130 3D Foundations
  *ART325 Graphic Design
  *ART420 Interactive Digital Design
  *COM134 Digital Photography

Total ........................................................................ 24 hours

MAJOR: COMMUNICATION

The communication curriculum is closely aligned with the University's mission of offering premiere professional education and offers concentrations that will lead to opportunities across the communication professions that are desired by our undergraduate students and needed in industry. The degree program offers a thorough grounding in communication skills, knowledge, and ethics along with specific professional training needs for students interested in Public Relations, Electronic Media, or Journalism. The program allows Tiffin University graduates to receive a 21st century Professional Communication education.

COMMUNICATION CORE

COM134 Digital Photography ......................................... 3 hours
ART325 Graphic Design ................................................ 3 hours
COM212 Introduction to Public Relations (w) .................. 3 hours
COM241 Introduction to Mass Communication ............... 3 hours
*COM300 Communications Research Methods and Information Sources (w) 3 hours
*COM320 Argumentation/Persuasion Theory and Practice 3 hours
COM330 Video Production ............................................ 3 hours
*COM340 Law and Communication ................................ 3 hours
  *One of the following: ............................................ 3 hours
    *COM310 Human, Interpersonal and Small Group Communication
    *COM324 Communicating Across Cultures (w)
    *COM341 Political Communication (w)
    *COM450 Critical Analysis of Mass Media (w)
    (Electronic Media – choose from COM310, COM324, COM341)

One of the following ..................................................... 3 hours
  COM190, COM290, COM390 Special Topics in Communication
  One of ENG200-300 Writing Intensive classes (w)
  ENG202 Editing
  *One of the following ................................................. 3 hours
  *SAS470 Internship
  *SAS499 Senior Seminar (capstone)

Total ........................................................................ 33 hours
### MAJOR: COMMUNICATION (continued)

#### CONCENTRATION: ELECTRONIC MEDIA

<table>
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<tr>
<th>Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>CIT255 Internet and Website Development I</td>
<td>3</td>
</tr>
<tr>
<td>CIT256 Internet and Website Development II</td>
<td>3</td>
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<tr>
<td>*COM329 Writing for Electronic Media (w)</td>
<td>3</td>
</tr>
<tr>
<td>*COM350 Fundamentals of News Production</td>
<td>3</td>
</tr>
<tr>
<td>*COM441 Organizational Communication and Conflict Resolution</td>
<td>3</td>
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#### CONCENTRATION: JOURNALISM

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<tr>
<td>COM218 News Writing (w)</td>
<td>3</td>
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<tr>
<td>*COM318 Feature Writing (w)</td>
<td>3</td>
</tr>
<tr>
<td>COM350 Fundamentals of News Production</td>
<td>3</td>
</tr>
<tr>
<td>*COM410 Advanced Reporting (w)</td>
<td>3</td>
</tr>
<tr>
<td>*COM438 History and Tradition of American Journalism (w)</td>
<td>3</td>
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<td><strong>Total</strong></td>
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#### CONCENTRATION: PUBLIC RELATIONS

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<th>Hours</th>
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<tr>
<td>COM218 News Writing (w)</td>
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<tr>
<td>*COM329 Writing for Electronic Media (w)</td>
<td>3</td>
</tr>
<tr>
<td>COM350 Fundamentals of News Production</td>
<td>3</td>
</tr>
<tr>
<td>*COM416 Public Relations Cases, Campaigns and Nonprofits</td>
<td>3</td>
</tr>
<tr>
<td>*COM441 Organizational Communication and Conflict Resolution</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>15</td>
</tr>
</tbody>
</table>

### MAJOR: CYBER DEFENSE AND INFORMATION ASSURANCE

The BA in Cyber Defense and Information Assurance is a course of study in the Security Studies department of the School of Criminal Justice and Social Sciences. It is intended to prepare students to embark on national security careers in information assurance and cyberspace policy. While professional certification will not be the stated aim of the curriculum, after taking the core curriculum, students will be prepared to test for various common industry certifications, such as Security+, Certified Information Systems Security Professional (CISSP), etc.

#### CYBER DEFENSE CORE

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>*CDS152 Introduction to Cyber Defense</td>
<td>3</td>
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<tr>
<td>*CDS345 Cyber Law and Ethics</td>
<td>3</td>
</tr>
<tr>
<td>POL151 Introduction to National Security Studies</td>
<td>3</td>
</tr>
<tr>
<td>POL313 American National Security Policy</td>
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#### MAJOR: CYBER DEFENSE AND INFORMATION ASSURANCE

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<th>Course</th>
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<tr>
<td>JUS215 Homeland Security and Legal System</td>
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<tr>
<td>CIS201 Programming</td>
<td>3</td>
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<tr>
<td>*CDS355 Penetration Testing and Vulnerability Analysis</td>
<td>3</td>
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<tr>
<td>*CDS344 Information Security</td>
<td>3</td>
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<tr>
<td>CDS345 Cyber Law &amp; Ethics</td>
<td>3</td>
</tr>
<tr>
<td>CDS348 Incident Management</td>
<td>3</td>
</tr>
<tr>
<td>*CDS356 Malware Analysis (w)</td>
<td>3</td>
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<tr>
<td>CDS445 Cyber Warfare</td>
<td>3</td>
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<tr>
<td>*CDS491 Senior Seminar In Cyber Defense (w)</td>
<td>3</td>
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<tr>
<td>CIT155 Operating Systems</td>
<td>3</td>
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<tr>
<td>CIT320 Architecture and Diagnostics</td>
<td>3</td>
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<tr>
<td>CIT361 Network Management and Administration</td>
<td>3</td>
</tr>
<tr>
<td>*SCS300 Research Design (w)</td>
<td>3</td>
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<tr>
<td>*SCS470 Internship</td>
<td>3</td>
</tr>
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<td><strong>Total</strong></td>
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</table>
MAJOR: ENGLISH

The study of literature develops critical and analytical thinking, sharpens research skills, and provides a context for questioning assumptions and articulating responses. As a discipline, the study of literature allows students to explore and to synthesize a diverse range of cultural, experiential, and linguistic sources. By studying the world's literary genres, students gain mastery of the arts of appreciation and communication and a deeper understanding of human behavior. Fluency in writing is developed through the practice of writing in a variety of techniques and modes, and through the comprehension and mastery of the grammar, syntax, and structure of the English language. The major seeks to give students the essential skills for gaining and maintaining successful and lifelong careers as productive citizens and creative professionals of the global community.

CUL443 Comparative Mythology (w) ......................................................... 3 hours
ENG221 History of the English Language ........................................ 3 hours
ENG223 Advanced Grammar .............................................................. 3 hours
*ENG291 British Literature I (Old English to 18th C) (w) .................... 3 hours
*ENG292 British Literature II (Romantics to WWII) (w) ............... 3 hours
*ENG293 American Literature I (Colonial to Civil War) (w) .......... 3 hours
*ENG294 American Literature II (Civil War to present) (w) ......... 3 hours
*ENG380 Shakespeare (w) ................................................................. 3 hours
*ENG422 World Literature (w) ......................................................... 3 hours
*ENG453 Major Authors in British and American Lit (w) .......... 3 hours
*ENG463 Literary Theory (w) .............................................................. 3 hours
One of the following ................................................................. 3 hours
ENG499 Senior Seminar
SAS470 Internship

One of the following ................................................................. 3 hours
CUL448 Women and Literature (w)
CUL449 Minority Experience in American Literature (w)

One of the following ................................................................. 3 hours
CUL351 History of Film in Society
CUL352 Film Genre and History
ENG350 History of Dramatic Literature (w)

One of the following ................................................................. 3 hours
ENG347 American Novel (w)
ENG348 British Novel (w)

One of the following ................................................................. 3 hours
COM329 Writing for Electronic Media (w)
ENG251, 252, 253 or 254 Creative Writing Workshop (w)
ENG262 Editing

Total......................................................................................... 48 hours

Note: English majors should fulfill their GEC Literature Requirement with either ENG360 American Poetry or ENG361 English Poetry

MAJOR: ENGLISH WITH LICENSURE IN INTEGRATED LANGUAGE ARTS

This major is offered in partnership with Lourdes College and provides the student with all of the coursework for a degree in English and license requirements for Adolescent and Young Adult teaching credentials for Integrated Language Arts, grades 7 - 12.

KNOWLEDGE SKILLS CORE (16 HOURS*)

COM130 Oral Communication & Presentation ........................................... 3 hours
ENG141 Rhetoric and Introductory Research Writing [Composition] .... 3 hours
ENG142 Rhetoric and Academic Writing (w) [Composition] ......... 3 hours
MAT174/181/251/275/281 ........................................................................... 3 hours
FYS100 First-Year Seminar ........................................................................ 1 hour
EDU151 Technology In Learning ............................................................. 1 hour
EDU251 Technology & Pedagogy for Learning ........................................ 1 hour
EDU351 Technology, Pedagogy, & Content Knowledge for Learning ... 1 hour
[EDU151/251/351 combined fulfill CIS requirement]

Total........................................................................................................... 16 hours

GENERAL EDUCATION CORE (30 HOURS*)

One of the following [Humanities - Literature] ....................................... 3 hours
ENG360 American Poetry (w)
ENG361 English Poetry (w)
THR222 Introduction to Theatre [Humanities - Fine Arts] .................. 3 hours
HIS [choose one from schedule of courses] .................................... 3 hours
One of the following: .............................................................................. 3 hours
CUL448 Women and Literature (w)
CUL449 Minority Experience in American Literature (w)

One course from the following prefixes: ECO, MGT, POL .............. 3 hours
PHI [choose one from schedule of courses] ........................................... 3 hours
MAT174/181/251/275/281 (above MAT173) ....................................... 3 hours
NAT [choose one from schedule of courses] ...................................... 3 hours
COM329 Writing for Electronic Media (w)
[Social Sciences - Communication] .................................................... 3 hours
EDU216 Multicultural and Social Issues in Education [Social Sci. - Sociology] .... 3 hours

Total ........................................................................................................... 30 hours

Note: English majors should fulfill their GEC Literature Requirement with either ENG360 American Poetry or ENG361 English Poetry
MAJOR: ENGLISH WITH LICENSURE IN INTEGRATED LANGUAGE ARTS (continued)

INTEGRATED LANGUAGE ARTS (36 HOURS)
- CUL443 Comparative Mythology (w) .......................................................... 3 hours
- ENG221 History of the English Language ..................................................... 3 hours
- ENG223 Advanced Grammar .................................................................... 3 hours
- ENG291 British Literature I (Chaucer to Romantics) (w) ......................... 3 hours
- ENG292 British Literature II (Romantics to WWII) (w) ............................ 3 hours
- ENG293 American Literature I (Colonial to Civil War) (w) .................... 3 hours
- ENG294 American Literature II (Civil War to WWII) (w) ................. 3 hours
- ENG313 Theoretical Approaches to Writing and Reading ..................... 3 hours
- ENG380 Shakespeare (w) ..................................................................... 3 hours
- ENG422 World Literature (w) .................................................................. 3 hours
- ENG403 Literary Theory (w) .................................................................. 3 hours
- One of the following ............................................................................. 3 hours
  - ENG347 American Novel (w)
  - ENG348 British Novel (w)
Total ........................................................................................................ 36 hours

PROFESSIONAL EDUCATION REQUIREMENTS (12 HOURS)
- EDU200 Foundations of Education or EDU 101 Education Bridge (1 hr) .... 3 hours
- EDU230 Survey of Special Needs Education ........................................... 3 hours
- EDU250 Educational Psychology ............................................................ 3 hours
- EDU319 Classroom Management for Middle Childhood & AYA Education 3 hours
Total ........................................................................................................ 12 hours

ADOLESCENT TO YOUNG ADULT (AYA) REQUIREMENTS (33 HOURS)
- EDA210 Teaching Adolescents and Young Adults .................................... 3 hours
- EDA235 AYA Curriculum, Instruction & Management .............................. 3 hours
- EDA250 General Teaching Methods and Field Experience I ................. 3 hours
- EDA353 Language Arts Methods and Field Experience II ..................... 3 hours
- EDA450 Adolescent and Young Adult Student Teaching ......................... 12 hours
- EDU212 Teaching Reading through Literature for Young Adults .......... 3 hours
- EDU329 Differentiated Instruction & Assessment ................................... 3 hours
- EDU330 Developmental Reading Through Content Area Reading ........ 3 hours
Total ......................................................................................................... 33 hours

Total Hours Required ........................................................................... 127 hours

*Must have a 2.50 cumulative grade point average in all courses.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG221</td>
<td>History of the English Language</td>
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<tr>
<td>ENG223</td>
<td>Advanced Grammar</td>
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<tr>
<td>ENG201</td>
<td>British Literature I (Chaucer to Romantics) (w)</td>
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</tr>
<tr>
<td>ENG202</td>
<td>British Literature II (Romantics to WWI) (w)</td>
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<tr>
<td>ENG203</td>
<td>American Literature I (w)</td>
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</tr>
<tr>
<td>ENG204</td>
<td>American Literature II (w)</td>
<td>3</td>
</tr>
<tr>
<td>ENG313</td>
<td>Theoretical Approaches to Writing &amp; Reading</td>
<td>3</td>
</tr>
<tr>
<td>ENG380</td>
<td>Shakespeare (w)</td>
<td>3</td>
</tr>
<tr>
<td>ENG422</td>
<td>World Literature (w)</td>
<td>3</td>
</tr>
<tr>
<td>ENG463</td>
<td>Literary Theory (w)</td>
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</table>

**Total for the English Language Core**  
36 hours

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**PROFESSIONAL EDUCATION REQUIREMENTS (12 HOURS)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>EDU100</td>
<td>Foundations of Education or EDU 101 Education Bridge (1 hr)</td>
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</tr>
<tr>
<td>EDU230</td>
<td>Survey of Special Needs Education</td>
<td>3</td>
</tr>
<tr>
<td>EDU250</td>
<td>Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>EDU319</td>
<td>Classroom Management for Middle Childhood &amp; AYA Education</td>
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</table>

**Total for the Professional Education**  
12 hours

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**READING CORE REQUIREMENTS (12 HOURS)**

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>EDU334</td>
<td>Role of Phonics in Emergent Literacy</td>
<td>3</td>
</tr>
<tr>
<td>EDU212</td>
<td>Teaching Reading Through Literature for Young Adolescents</td>
<td>3</td>
</tr>
<tr>
<td>EDU330</td>
<td>Developmental Reading Through Content Area Reading</td>
<td>3</td>
</tr>
<tr>
<td>EDU332</td>
<td>Reading, Diagnosis &amp; Assessment</td>
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**Total for the Reading Core**  
12 hours

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**MIDDLE SCHOOL REQUIREMENTS (27 HOURS)**

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<th>Course Title</th>
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<tr>
<td>EDM210</td>
<td>Education for Young Adolescents</td>
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<tr>
<td>EDM235</td>
<td>Middle Childhood Curriculum, Instruction &amp; Assessment</td>
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<tr>
<td>EDM250</td>
<td>Middle Childhood Methods &amp; Field Experience I</td>
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<td>EDM351-356</td>
<td>Middle Childhood Methods &amp; Field Experience II</td>
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<tr>
<td>EDM450</td>
<td>Middle Childhood Student Teaching</td>
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<tr>
<td>EDU329</td>
<td>Differentiated Instruction &amp; Assessment</td>
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</tr>
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**Total for the Middle School Requirements**  
27 hours

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**Total Sub-Total**  
136 hours

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**SECONDARY FIELD OF STUDY: CHOOSE ONE FIELD**

Secondary Field of Study courses will be used to fill General Education Requirements. Students must choose secondary field of study when they declare their education major in order to avoid taking courses that do not fulfill graduation requirements for their major or secondary field of study.

**MATHEMATICS**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>MAT251</td>
<td>Applied Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MAT271</td>
<td>Geometry for Middle School Teachers</td>
<td>3</td>
</tr>
<tr>
<td>MAT273</td>
<td>Applied Statistics I</td>
<td>3</td>
</tr>
<tr>
<td>MAT275</td>
<td>Pre-Calculus</td>
<td>3</td>
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<tr>
<td>MAT370</td>
<td>Teaching Mathematics in Middle School (w)</td>
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**Total for Mathematics**  
15 hours

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**SCIENCE**

<table>
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<th>Course Title</th>
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<tbody>
<tr>
<td>BIO210</td>
<td>General Biology I and BIO210L Lab</td>
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</tr>
<tr>
<td>NAT205</td>
<td>Earth Science</td>
<td>3</td>
</tr>
<tr>
<td>NAT201</td>
<td>Physical Science</td>
<td>3</td>
</tr>
<tr>
<td>NAT215</td>
<td>Environmental Science</td>
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</tr>
<tr>
<td>SCI370</td>
<td>Integrated Science for Teachers</td>
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**Total for Science**  
16 hours

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**SOCIAL STUDIES**

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<th>Course Title</th>
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<tr>
<td>CUL250</td>
<td>World Cultural Geography</td>
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<tr>
<td>ECO222</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>HIS267</td>
<td>Challenges of Global Leadership: US History after 1945 (w)</td>
<td>3</td>
</tr>
<tr>
<td>HIS323</td>
<td>The Emerging West (w)</td>
<td>3</td>
</tr>
<tr>
<td>HIS410</td>
<td>The Inter-Connected World (w)</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total for Social Studies**  
15 hours

---

**Total for the degree w/Secondary field of study**  
151-152 hours

*Must have a 2.50 cumulative grade point average in all courses.*
**MAJOR: GENERAL SCIENCE**

This major provides the student with a broad-based science curriculum with interdisciplinary components for those seeking certification to teach science at the middle school level or with a broad base of content knowledge and lab skills in each of the major scientific disciplines to pursue a science-related career.

**SCIENCE CORE**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO210 and BIO210L General Biology I and Lab</td>
<td>4 hours</td>
</tr>
<tr>
<td>BIO211 and BIO211L General Biology II and Lab</td>
<td>4 hours</td>
</tr>
<tr>
<td>CHM131 General Chemistry I and lab</td>
<td>4 hours</td>
</tr>
<tr>
<td>*MAT273 Applied Statistics I</td>
<td>3 hours</td>
</tr>
<tr>
<td>*MAT275 Elementary Analysis</td>
<td>3 hours</td>
</tr>
<tr>
<td>NAT elective</td>
<td>3 hours</td>
</tr>
<tr>
<td>NAT205 Introduction to Earth Science</td>
<td>3 hours</td>
</tr>
<tr>
<td>NAT114 Survey of Science</td>
<td>3 hours</td>
</tr>
<tr>
<td>NAT201 Principles of Physical Science</td>
<td>3 hours</td>
</tr>
<tr>
<td>NAT215 Environmental Science</td>
<td>3 hours</td>
</tr>
<tr>
<td>BI0311 Human Anatomy and Physiology I (w)</td>
<td>3 hours</td>
</tr>
<tr>
<td>*SAS470 Internship (w)</td>
<td>3 hours</td>
</tr>
</tbody>
</table>

**Total** ..................................................................................................................................... 39 hours

**CONCENTRATION: BEHAVIORAL SCIENCE**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAT220 Survey of Health Issues</td>
<td>3 hours</td>
</tr>
<tr>
<td>*NAT291 Drugs and the Body (w)</td>
<td>3 hours</td>
</tr>
<tr>
<td>*Two of the following:</td>
<td>6 hours</td>
</tr>
<tr>
<td>PSY320 Motivational Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY360 Introduction to Counseling</td>
<td></td>
</tr>
<tr>
<td>PSY362 Abnormal Behavior</td>
<td></td>
</tr>
<tr>
<td>PSY363 Cognitive Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY401 Biological Foundations of Behavior</td>
<td></td>
</tr>
<tr>
<td>*One of the following:</td>
<td>3 hours</td>
</tr>
<tr>
<td>SOC250 Social Psychology</td>
<td></td>
</tr>
<tr>
<td>SOC310 Sociology of the Family</td>
<td></td>
</tr>
<tr>
<td>SOC320 Community Sociology</td>
<td></td>
</tr>
</tbody>
</table>

**Total** ..................................................................................................................................... 15 hours

**Total Hours for Degree** ........................................................................................................... 127 hours

---

**CONCENTRATION: CHEMISTRY**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>*CHM132 General Chemistry II and lab</td>
<td>4 hours</td>
</tr>
<tr>
<td>*CHM331 Organic Chemistry and lab</td>
<td>4 hours</td>
</tr>
<tr>
<td>*CHM381 Quantitative Analysis and lab</td>
<td>4 hours</td>
</tr>
<tr>
<td>*CHM481 Instrumental Analysis and lab</td>
<td>4 hours</td>
</tr>
</tbody>
</table>

**Total** ..................................................................................................................................... 16 hours

**Total Hours for Degree** ........................................................................................................... 128 hours

---

**MAJOR: GOVERNMENT AND NATIONAL SECURITY**

The major, housed in the School of Criminal Justice and Social Sciences, takes a global view of American national security policy and security issues. There are two concentrations available, one focused on the workings of the American politics and government processes, and the second on the national security and intelligence structures. The emphasis in the major is on career skills, research methods, critical thinking, scholarly writing, and public speaking.

**THE STRUCTURE OF GOVERNMENT AND FEDERALISM**

The first part of this major draws on those parts of a traditional Government curriculum that bear directly upon the workings of our governmental system in general, and our national security system in particular, at the international, federal, state, and local levels.

**CORE COURSES**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL101 Introduction to the American Political Process</td>
<td>3 hours</td>
</tr>
<tr>
<td>POL151 Introduction to National Security Studies</td>
<td>3 hours</td>
</tr>
<tr>
<td>POL201 Political Geography</td>
<td>3 hours</td>
</tr>
<tr>
<td>*POL311 Federalism</td>
<td>3 hours</td>
</tr>
</tbody>
</table>

**Total** ..................................................................................................................................... 12 hours

**MAJOR COURSES**

One of the following: ................................................................................................................... 3 hours

- HIS225 United States Diplomatic History Since 1895 (w)
- HIS226 United States Military History Since 1895 (w)

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>*POL345 Economic Instruments of Security Policy</td>
<td>3 hours</td>
</tr>
<tr>
<td>*POL350 International Security</td>
<td>3 hours</td>
</tr>
<tr>
<td>*POL491 Capstone Senior Seminar in Homeland and National Security (w)</td>
<td>3 hours</td>
</tr>
<tr>
<td>SCS300 Research Design (w)</td>
<td>3 hours</td>
</tr>
<tr>
<td>*SCS470 Internship I</td>
<td>3 hours</td>
</tr>
</tbody>
</table>

**Total** ..................................................................................................................................... 18 hours

Each of the following concentrations, then, allow a student to develop the specific body of knowledge most appropriate to his/her chosen career field. Intelligence and Security Studies is focused on the student contemplating a career in the Intelligence Community or working for the Department of Defense, State, or in an international organization. The Politics and Government concentration is focused on the student looking for a career as a civil servant or policy advisor in other aspects of federal, state, or local government.
### CONCENTRATION: INTELLIGENCE AND SECURITY STUDIES

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>*ENF441 Counterintelligence/Counter-terrorism</td>
<td>3</td>
</tr>
<tr>
<td>JUS213 Homeland Security and the Legal System</td>
<td>3</td>
</tr>
<tr>
<td>*POL313 American National Security Policy</td>
<td>3</td>
</tr>
<tr>
<td>*POL341 Covert Action and Intelligence</td>
<td>3</td>
</tr>
<tr>
<td>POL420 Transnational and Unconventional Threats</td>
<td>3</td>
</tr>
<tr>
<td>*POL425 Intelligence Analysis</td>
<td>3</td>
</tr>
</tbody>
</table>

Total .............................................................................................................. 18 hours

### CONCENTRATION: POLITICS AND GOVERNMENT

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>*POL205 The Presidency (w)</td>
<td>3</td>
</tr>
<tr>
<td>*POL206 The Congress</td>
<td>3</td>
</tr>
<tr>
<td>*POL207 The Courts</td>
<td>3</td>
</tr>
<tr>
<td>*POL320 Public Administration</td>
<td>3</td>
</tr>
<tr>
<td>POL391 Comparative Political Systems</td>
<td>3</td>
</tr>
<tr>
<td>POL400 The Constitution, Liberty, and Order</td>
<td>3</td>
</tr>
</tbody>
</table>

Total .............................................................................................................. 18 hours

### MAJOR: HISTORY

The History major is designed for students interested in pursuing graduate studies in History and related fields. It also serves as an anchor for individuals seeking to teach social studies at the high school level. History majors have the opportunity to concentrate on selected areas of specialization. In all cases, they will learn critical thinking skills and hone their communication skills in both the written and spoken word.

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CUL250 Cultural Geography</td>
<td>3</td>
</tr>
<tr>
<td>ECO222 Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>HIS122 Research and Writing for History (w)</td>
<td>3</td>
</tr>
<tr>
<td>*HIS231 Creating a Nation (w)</td>
<td>3</td>
</tr>
<tr>
<td>*HIS242 US 1865 - 1945 (w)</td>
<td>3</td>
</tr>
<tr>
<td>*HIS267 US after 1945 (w)</td>
<td>3</td>
</tr>
<tr>
<td>*HIS303 Dawn of Human Kind (w)</td>
<td>3</td>
</tr>
<tr>
<td>*HIS323 The Emerging West (w)</td>
<td>3</td>
</tr>
<tr>
<td>*HIS410 The Interconnected World (w)</td>
<td>3</td>
</tr>
<tr>
<td>*HIS425 Historiography (w)</td>
<td>3</td>
</tr>
<tr>
<td>TWO HIS Electives (w)</td>
<td>6</td>
</tr>
<tr>
<td>POL201 Political Geography</td>
<td>3</td>
</tr>
<tr>
<td>POL391 Comparative Political Systems</td>
<td>3</td>
</tr>
<tr>
<td>*SAS499 Senior Seminar OR SAS470 Internship</td>
<td>3</td>
</tr>
<tr>
<td>SOC360 Multicultural Issues in Society (w)</td>
<td>3</td>
</tr>
</tbody>
</table>

Total .............................................................................................................. 48 hours

Note: History majors should fulfill GEC History requirement with HIS121 Thinking Historically, the GEC Culture requirement with CUL220 Religions of the World and Social Sciences with POL101 Introduction to the American Political Process, ECO221 Principles of Macroeconomics, and SOC101 Principles of Sociology.

### MAJOR: HISTORY WITH LICENSURE IN INTEGRATED SOCIAL STUDIES

This major is offered in partnership with Lourdes College and provides the student with all of the coursework for a degree in History and license requirements for Adolescent and Young Adult teaching credentials for Integrated Social Studies, grades 7 - 12.

#### KNOWLEDGE SKILLS CORE (16 HOURS*)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM130 Oral Communication &amp; Presentation</td>
<td>3</td>
</tr>
<tr>
<td>ENG141 Rhetoric and Introductory Research Writing [Composition]</td>
<td>3</td>
</tr>
<tr>
<td>ENG142 Rhetoric and Academic Writing (w) [Composition]</td>
<td>3</td>
</tr>
<tr>
<td>MAT174/181/251/275/281</td>
<td>3</td>
</tr>
<tr>
<td>FYS100 First-Year Seminar</td>
<td>1</td>
</tr>
<tr>
<td>EDU151 Technology In Learning</td>
<td>1</td>
</tr>
<tr>
<td>EDU251 Technology &amp; Pedagogy for Learning</td>
<td>1</td>
</tr>
<tr>
<td>EDU351 Technology, Pedagogy, &amp; Content Knowledge for Learning</td>
<td>1</td>
</tr>
<tr>
<td>[EDU151/251/351 combined fulfill CIS requirement]</td>
<td>16</td>
</tr>
</tbody>
</table>

Total .............................................................................................................. 16 hours

#### GENERAL EDUCATION CORE (30 HOURS*)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>One of the following [Humanities - Literature]</td>
<td>3</td>
</tr>
<tr>
<td>CUL448 Women and Literature (w)</td>
<td>3</td>
</tr>
<tr>
<td>CUL449 Minority Experience in American Literature (w)</td>
<td>3</td>
</tr>
<tr>
<td>Fine Art (ART, MUS, THR; see Bulletin for options)</td>
<td>3</td>
</tr>
<tr>
<td>HIS121 Thinking Historically (w)</td>
<td>3</td>
</tr>
<tr>
<td>One of the following</td>
<td>3</td>
</tr>
<tr>
<td>CUL210 Comparative Cultures</td>
<td>3</td>
</tr>
<tr>
<td>CUL220 Religions of the World</td>
<td>3</td>
</tr>
<tr>
<td>PHI [choose one from schedule of courses]</td>
<td>3</td>
</tr>
<tr>
<td>MAT273 Applied Statistics I</td>
<td>3</td>
</tr>
<tr>
<td>NAT [choose one from schedule of courses]</td>
<td>3</td>
</tr>
<tr>
<td>EDU216 Multicultural and Social Issues in Education [Social Sci. - Sociology]</td>
<td>3</td>
</tr>
<tr>
<td>POL101 Introduction to the American Political Process</td>
<td>3</td>
</tr>
<tr>
<td>SOC101 Principles of Sociology</td>
<td>3</td>
</tr>
</tbody>
</table>

Total .............................................................................................................. 30 hours

Note: History majors should fulfill GEC History requirement with HIS121 Thinking Historically, the GEC Culture requirement with CUL220 Religions of the World and Social Sciences with POL101 Introduction to the American Political Process, ECO221 Principles of Macroeconomics, and SOC101 Principles of Sociology.
**MAJOR: HISTORY WITH LICENSURE IN INTEGRATED SOCIAL STUDIES (continued)**

### INTEGRATED SOCIAL STUDIES (39 HOURS)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CUL250 Cultural Geography</td>
<td>3</td>
</tr>
<tr>
<td>ECO221 Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECO222 Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>HIS237 Research for History (w)</td>
<td>3</td>
</tr>
<tr>
<td>HIS231 Creating a Nation (w)</td>
<td>3</td>
</tr>
<tr>
<td>HIS424 US History 1865 to 1945 (w)</td>
<td>3</td>
</tr>
<tr>
<td>HIS267 Challenges of Global Leadership: US History after 1945 (w)</td>
<td>3</td>
</tr>
<tr>
<td>HIS301 Dawn of Mankind (w)</td>
<td>3</td>
</tr>
<tr>
<td>HIS410 The Interconnected World (w)</td>
<td>3</td>
</tr>
<tr>
<td>HIS425 Historiography (w)</td>
<td>3</td>
</tr>
<tr>
<td>HIS353 The Emerging West (w)</td>
<td>3</td>
</tr>
<tr>
<td>POL201 Political Geography</td>
<td>3</td>
</tr>
<tr>
<td>POL301 Comparative Political Systems</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>39</strong></td>
</tr>
</tbody>
</table>

### PROFESSIONAL EDUCATION REQUIREMENTS (12 HOURS)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU100 Foundations of Education or EDU 101 Education Bridge (1 hr)</td>
<td>3</td>
</tr>
<tr>
<td>EDU230 Survey of Special Needs Education</td>
<td>3</td>
</tr>
<tr>
<td>EDU230 Educational Psychology Education</td>
<td>3</td>
</tr>
<tr>
<td>EDU319 Classroom Management for Middle Childhood &amp; AYA Education</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>12</strong></td>
</tr>
</tbody>
</table>

### ADOLESCENT TO YOUNG ADULT (AYA) REQUIREMENTS (33 HOURS)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDA210 Teaching Adolescents and Young Adults</td>
<td>3</td>
</tr>
<tr>
<td>EDA235 AYA Curriculum, Instruction &amp; Management</td>
<td>3</td>
</tr>
<tr>
<td>EDA250 General Teaching Methods and Field Experience I</td>
<td>3</td>
</tr>
<tr>
<td>EDA353 Language Arts Methods and Field Experience II</td>
<td>3</td>
</tr>
<tr>
<td>EDA450 Adolescent and Young Adult Student Teaching</td>
<td>12</td>
</tr>
<tr>
<td>EDU212 Teaching Reading through Literature for Young Adults</td>
<td>3</td>
</tr>
<tr>
<td>EDU329 Differentiated Instruction &amp; Assessment</td>
<td>3</td>
</tr>
<tr>
<td>EDU330 Developmental Reading Through Content Area Reading</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>33</strong></td>
</tr>
</tbody>
</table>

Total Hours Required ........................................................................ 130 hours

*Must have a 2.50 cumulative grade point average in all courses.*

---

**MAJOR: HISTORY WITH LICENSURE IN MIDDLE SCHOOL EDUCATION**

This degree and licensure is offered in partnership with Lourdes College and provides the student with all of the course work for a degree in History; one minor area chosen from English, mathematics, or science; and license requirements for Middle School teaching credentials for grades 4-9.

### KNOWLEDGE SKILLS CORE (16 HOURS*)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM130 Oral Communication &amp; Presentation</td>
<td>3</td>
</tr>
<tr>
<td>ENGL141 Rhetoric and Introductory Research Writing [Composition]</td>
<td>3</td>
</tr>
<tr>
<td>ENGL142 Rhetoric and Academic Writing (w) [Composition]</td>
<td>3</td>
</tr>
<tr>
<td>MAT174/181/251/275/281</td>
<td>3</td>
</tr>
<tr>
<td>FYS100 First-Year Seminar</td>
<td>1</td>
</tr>
<tr>
<td>EDU151 Technology in Learning</td>
<td>1</td>
</tr>
<tr>
<td>EDU251 Technology &amp; Pedagogy for Learning</td>
<td>1</td>
</tr>
<tr>
<td>EDU351 Technology, Pedagogy, &amp; Content Knowledge for Learning</td>
<td>1</td>
</tr>
<tr>
<td>[EDU151/251/351 combined fulfill CIS requirement]</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

### GENERAL EDUCATION CORE (30 HOURS*)

One of the following [Humanities - Literature] ................................... 3 hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CUL448 Women and Literature (w)</td>
<td>3</td>
</tr>
<tr>
<td>CUL449 Minority Experience in American Literature (w)</td>
<td>3</td>
</tr>
<tr>
<td>Fine Art(ART, MUS, THR; see Bulletin for options; THR222 if LA minor)</td>
<td>3</td>
</tr>
<tr>
<td>HIS121 Thinking Historically (w)</td>
<td>3</td>
</tr>
<tr>
<td>One of the following [Humanities - Literature]</td>
<td>3</td>
</tr>
<tr>
<td>CUL210 Comparative Cultures</td>
<td>3</td>
</tr>
<tr>
<td>CUL220 Religions of the World</td>
<td>3</td>
</tr>
<tr>
<td>PHI [choose one from schedule of courses]</td>
<td>3</td>
</tr>
<tr>
<td>MAT (above MAT095, MAT174/181 for Math minor)</td>
<td>3</td>
</tr>
<tr>
<td>NAT (NAT114 for Science minor)</td>
<td>3</td>
</tr>
<tr>
<td>EDU216 Multicultural and Social Issues in Education [Social Sci.-Sociology]</td>
<td>3</td>
</tr>
<tr>
<td>ECO221 Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>POL101 Introduction to the American Political Process</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>30</strong></td>
</tr>
</tbody>
</table>

*Must have a 2.50 cumulative grade point average in all courses.*
MAJOR: HISTORY WITH LICENSURE IN MIDDLE SCHOOL EDUCATION (continued)

HISTORY MAJOR (39 HOURS)
CUL250 Cultural Geography ................................................. 3 hours
ECO222 Principles of Microeconomics ........................................... 3 hours
HIS122 Research for History (w) ..................................... 3 hours
HIS231 Creating a Nation (w) .............................................. 3 hours
HIS242 US History 1865 to 1945 (w) ...................................... 3 hours
HIS267 Challenges of Global Leadership: US History after 1945 (w) .............................................. 3 hours
HIS301 Dawn of Humankind (w) ........................................ 3 hours
HIS323 The Emerging West (w) ........................................ 3 hours
HIS410 The Interconnected World (w) ....................................... 3 hours
HIS423 Historiography (w) .................................................. 3 hours
HIS 400-400 elective (w) ................................................. 3 hours
PDL201 Political Geography .............................................. 3 hours
PDL391 Comparative Political Systems ....................................... 3 hours
Total ....................................................................................... 39 hours

PROFESSIONAL EDUCATION REQUIREMENTS (12 HOURS)
EDU100 Foundations of Education or EDU101 Education Bridge (1 hour) .............................................. 3 hours
EDU230 Survey of Special Needs Education ........................................... 3 hours
EDU 250 Educational Psychology ............................................. 3 hours
EDU319 Classroom Management for Middle Childhood & AYA Education .............................................. 3 hours
Total ....................................................................................... 12 hours

READING CORE REQUIREMENTS (12 HOURS)
EDU334 Role of Phonics in Emergent Literacy ......................................... 3 hours
EDU212 Teaching Reading Through Literature for Young Adolescents .............................................. 3 hours
EDU330 Developmental Reading Through Content Area Reading .............................................. 3 hours
EDU332 Reading, Diagnosis & Assessment ........................................... 3 hours
Total ....................................................................................... 12 hours

MIDDLE SCHOOL REQUIREMENTS (27 HOURS)
EDM210 Education for Young Adolescents ......................................... 3 hours
EDM235 Middle Childhood Curriculum, Instruction & Assessment .............................................. 3 hours
EDM230 Middle Childhood Methods & Field Experience I .............................................. 3 hours
EDM351-356 Middle Childhood Methods and Field Experience II .............................................. 3 hours
EDM450 Middle Childhood Student Teaching ........................................... 12 hours
EDU329 Differentiated Instruction & Assessment ........................................... 3 hours
Total ....................................................................................... 27 hours

Sub-total ....................................................................................... 136 hours

SECONDARY FIELD OF STUDY: CHOOSE ONE FIELD
Secondary Field of Study courses will be used to fill General Education Requirements. Students must choose secondary field of study when they declare their education major in order to avoid taking courses that do not fulfill graduation requirements for their major or secondary field of study.

LANGUAGE ARTS
ENG313 Theoretical Approaches to Reading and Writing ........................................... 3 hours
One of the following: ........................................... 3 hours
ENG360 American Poetry (w)
ENG361 British Poetry (w)
ENG422 World Literature (w) ........................................... 3 hours
Total ....................................................................................... 9 hours

MATHEMATICS
MAT251 Applied Mathematics ........................................... 3 hours
MAT271 Geometry for Middle School Teachers ........................................... 3 hours
MAT273 Applied Statistics I ........................................... 3 hours
MAT275 Pre-Calculus .................................................. 3 hours
MAT370 Teaching Mathematics in Middle School (w) ........................................... 3 hours
Total ....................................................................................... 13 hours

SCIENCE
BIO101 General Biology I + BIO210L Lab ........................................... 4 hours
NAT205 Earth Science ........................................... 3 hours
NAT201 Physical Science ........................................... 3 hours
NAT215 Environmental Science ........................................... 3 hours
SCI370 Integrated Science for Teachers ........................................... 3 hours
Total ....................................................................................... 16 hours

Total for the degree w/Secondary field of study ....................................................................... 145-152 hours
MAJOR: PROFESSIONAL MUSIC

This program provides students with a professionally focused and learning-centered degree program that will prepare students for successful careers as entrepreneurial musicians. Students will gain the necessary intellectual and technical skills to be flexible and adaptable to the ever-changing face of contemporary popular music.

MUP121 Musicianship I ................................................................. 3 hours
MUP221 Musicianship II .............................................................. 3 hours
*MUP240 The Rhythm Section ..................................................... 3 hours
*MUP321 Musicianship III ............................................................ 3 hours
*MUP322 Musicianship IV ............................................................ 3 hours
MUP351 Music Listening & Analysis I ............................................. 3 hours
*MUP352 Music Listening & Analysis II ......................................... 3 hours
*MUP440 Teaching Music ............................................................ 3 hours
MUS100 Music Convocation (6 semesters required) ................. 0 hours
The following sequence: ......................................................... 6 hours
MUS110, 116, 215, 216, 315, 316 Private Music Instruction: Primary Area
One of the following sequences .................................................. 3 hours
Instrumental: MUS110, 210, 310
Vocal: MUS112, 212, 312
MUS230 Introduction to Sound and Recording ......................... 3 hours
*MUS324 Survey of American Popular Music (w) .................... 3 hours
MUS327 Survey of Music Business ............................................. 3 hours
*MUS330 Recording Studio Performance & Practice .................. 3 hours
*SAS499 Senior Seminar .......................................................... 3 hours
Total ...................................................................................... 48 hours

MAJOR: PROFESSIONAL STUDIES

The major provides courses that rely on student projects, team assignments, and experiential learning. It also incorporates liberal studies requirements, business courses, political science, psychology and social science courses. Six of the following major courses (18 semester hours) are selected by the student upon admission to the major from the 54 hours offered in the BA Professional Studies degree. These six courses (18 semester hours) along with 30 semester hours of major coursework taken at the transfer institution will comprise the 48 hours for the major requirement. Of the 30 hours transferred as major coursework, 24 will be recorded under the major and 6 will be recorded under elective requirements.

This major is offered online and on the Tiffin Campus. Students enrolled on the Tiffin Campus will take the courses in parentheses ( ) to meet graduation requirements.

ART210 American Art ............................................................... 3 hours
*CIS312 Information Systems for Managers (w) ....................... 3 hours
*COM441 Organizational Communication & Conflict Resolution 3 hours
*CUL443 World Mythology (w) ................................................. 3 hours
*ENG365 Issues in Literature [ENG422 World Literature (w)] .... 3 hours
*HIS Any HIS course [HIS312 History of the Middle East (w)] .... 3 hours
LAW211 Business Law I ............................................................ 3 hours
MAT273 Applied Statistics I ....................................................... 3 hours
MGT301 Organizational Behavior .............................................. 3 hours
MGT317 Human Resource Management ................................... 3 hours
MGT359 Small Business Management ..................................... 3 hours
*NAT220 Survey of Health Issues ............................................. 3 hours
PHI Any 200-400 level course ................................................. 3 hours
*POL320 Public Administration ............................................... 3 hours
PSY265 Lifespan Development ............................................... 3 hours
*PSY320 Motivational Psychology ................................. 3 hours
*PSY325 Introduction to Industrial/Organizational Psychology] ... 3 hours
SOC250 Social Psychology ...................................................... 3 hours
SOC360 Multicultural Issues in Society (w) ............................ 3 hours
Total ..................................................................................... 54 hours

Students should take POL101 Introduction to the American Political Process as an open elective in order to fulfill prerequisite requirements.
MAJOR: PSYCHOLOGY

This major, housed in the School of Criminal Justice and Social Sciences, offers students a generalist orientation to the field of psychology. Students are required to take courses that lay a solid foundation for research and graduate studies as this degree is intended to provide a basis for a non-practitioner career.

PSYCHOLOGY CORE

*PSY201 Introduction to Professional Practices (w) ............................................ 3 hours
PSY263 Theories of Personality ............................................................................. 3 hours
PSY265 Lifespan Development ............................................................................. 3 hours
PSY302 History and Systems of Psychology ....................................................... 3 hours
PSY362 Abnormal Behavior ................................................................................ 3 hours
*PSY401 Biological Foundations of Behavior .................................................... 3 hours
SOC250 Social Psychology ................................................................................. 3 hours
*SCS300 Research Design (w) ........................................................................... 3 hours
Total .................................................................................................................... 24 hours

CONCENTRATION: ADDICTIONS COUNSELING

CSL310 Introduction to Addiction Theory and Practice .................................... 3 hours
*CSL320 Counseling Procedures and Strategies with Addicted and Disordered Populations ................................................................. 3 hours
CSL425 Group Process and Techniques Working with Addicted and Disordered Populations ................................................................. 3 hours
CSL430 Cultural Competence in Counseling ..................................................... 3 hours
*CSL435 Assessment & Diagnosis of Addictive & Behavioral Health Problems ................................................................. 3 hours
*CSL440 Prevention, Intervention, and Treatment Planning in Addictions ........ 3 hours
*CSL445 Theory and Practice of Relationship Counseling in Addictions & Behavioral Health ............................................................. 3 hours
*SCS470 Internship I ........................................................................................... 3 hours
Total .................................................................................................................... 24 hours

CONCENTRATION: EXPERIMENTAL PSYCHOLOGY

MAT373 Applied Statistics II .............................................................................. 3 hours
*PSY333 Experimental Psychology .................................................................. 3 hours
SCS491 Senior Seminar I .................................................................................. 3 hours
*SCS492 Senior Seminar II ................................................................................ 3 hours
One of the following ......................................................................................... 3 hours
CSL430 Cultural Competence in Counseling ..................................................... 3 hours
SOC360 Multicultural Issues in Society (w) ....................................................... 3 hours
*Three of the following .................................................................................... 9 hours
*FOR344 Psychology of Violence and Aggression (w) ..................................... 3 hours
*PSY320 Motivational Psychology .................................................................. 3 hours
*PSY363 Cognitive Psychology ........................................................................ 3 hours
*PSY364 Evolutionary Psychology .................................................................. 3 hours
*PSY390 Special Topics ..................................................................................... 3 hours
*PSY445 Psychometrics ..................................................................................... 3 hours
*FOR, CSL, or PSY (200-400 approved by Advisor) ......................................... 3 hours
*SCS470 Internship I ........................................................................................... 3 hours
Total .................................................................................................................... 24 hours

CONCENTRATION: HUMAN SERVICES

*FOR423 Case Management ............................................................................. 3 hours
*FOR430 Crisis Intervention .............................................................................. 3 hours
*PSY360 Introduction to Counseling ................................................................ 3 hours
*SCS450 Human Services Capstone ................................................................ 3 hours
*SCS470 Internship I ........................................................................................... 3 hours
One of the following ......................................................................................... 3 hours
CSL430 Cultural Competence in Counseling ..................................................... 3 hours
SOC360 Multicultural Issues in Society (w) ....................................................... 3 hours
Two of the following ........................................................................................ 6 hours
COM310 Human, Interpersonal and Small Group Communication 
COR420 Agency Management 
FOR365 Drugs and Society 
FOR485 Death and Dying 
PSY269 Human Sexuality 
PSY390 Special Topics 
PSY440 Comparative Psychotherapies and Therapeutic Techniques 
PSY445 Psychometrics 
SCS471 Internship II 
SOC310 Sociology of the Family 
SOC320 Community Sociology 
SOC361 Sociology of Gender 
FOR, CSL, or PSY (200-400 approved by Advisor) ......................................... 3 hours
Total .................................................................................................................... 24 hours
MAJOR: SCIENCE WITH LICENSURE IN MIDDLE SCHOOL EDUCATION

This degree and licensure is offered in partnership with Lourdes College and provides the student with all of the course work for a degree in Science; one minor area chosen from English, history, or mathematics; and license requirements for Middle School teaching credentials for grades 4-9.

KNOWLEDGE SKILLS CORE (16 HOURS*)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM130 Oral Communication &amp; Presentation</td>
<td>3</td>
</tr>
<tr>
<td>ENG141 Rhetoric and Introductory Research Writing [Composition]</td>
<td>3</td>
</tr>
<tr>
<td>ENG142 Rhetoric and Academic Writing (w) [Composition]</td>
<td>3</td>
</tr>
<tr>
<td>MAT174/181/251/275/281</td>
<td>3</td>
</tr>
<tr>
<td>FYS100 First-Year Seminar</td>
<td>1</td>
</tr>
<tr>
<td>EDU151 Technology In Learning</td>
<td>1</td>
</tr>
<tr>
<td>EDU251 Technology &amp; Pedagogy for Learning</td>
<td>1</td>
</tr>
<tr>
<td>EDU351 Technology, Pedagogy, &amp; Content Knowledge for Learning</td>
<td>1</td>
</tr>
<tr>
<td>[EDU151/251/351 combined fulfill CIS requirement]</td>
<td></td>
</tr>
</tbody>
</table>

Total ........................................................................... 16 hours

GENERAL EDUCATION CORE (30 HOURS*)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>LIT (ENG360 or ENG361 if LA minor)</td>
<td>3</td>
</tr>
<tr>
<td>THR (THR222 if LA minor)</td>
<td>3</td>
</tr>
<tr>
<td>HIS (HIS122 for HIS minor)</td>
<td>3</td>
</tr>
<tr>
<td>CUL (CUL250 if HIS minor; CUL443/448/449 if LA minor)</td>
<td>3</td>
</tr>
<tr>
<td>PHI [choose one from schedule of courses]</td>
<td>3</td>
</tr>
<tr>
<td>MAT (MAT181 for Math minor)</td>
<td>3</td>
</tr>
<tr>
<td>NAT114 Survey of Science</td>
<td>3</td>
</tr>
<tr>
<td>EDU216 Multicultural and Social Issues in Education [Social Sci. - Sociology]</td>
<td>3</td>
</tr>
<tr>
<td>POL (POL101 if HIS minor)</td>
<td>3</td>
</tr>
<tr>
<td>ECO (ECO221 if HIS minor)</td>
<td>3</td>
</tr>
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</table>

Total ........................................................................... 30 hours

SCIENCE MAJOR (40 HOURS)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO210 General Biology I and BIO210L Lab</td>
<td>4</td>
</tr>
<tr>
<td>NAT275 Introduction to General Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>NAT Elective</td>
<td>3</td>
</tr>
<tr>
<td>NAT201 Principles of Physical Science</td>
<td>3</td>
</tr>
<tr>
<td>NAT205 Earth Science</td>
<td>3</td>
</tr>
<tr>
<td>NAT215 Environmental Science</td>
<td>3</td>
</tr>
<tr>
<td>NAT220 Survey of Health Issues</td>
<td>3</td>
</tr>
<tr>
<td>NAT291 Drugs and the Body (w)</td>
<td>3</td>
</tr>
<tr>
<td>BIO311 Human Anatomy and Physiology I (w)</td>
<td>3</td>
</tr>
<tr>
<td>*Two of the following</td>
<td>6</td>
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<tr>
<td>PSY320 Motivational Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY360 Introduction to Counseling</td>
<td></td>
</tr>
<tr>
<td>PSY362 Abnormal Behavior</td>
<td></td>
</tr>
<tr>
<td>PSY363 Cognitive Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY401 Biological Foundations of Behavior</td>
<td></td>
</tr>
<tr>
<td>SCI370 Integrated Science for Teachers</td>
<td>3</td>
</tr>
<tr>
<td>*One of the following</td>
<td>3</td>
</tr>
<tr>
<td>SOC250 Social Psychology</td>
<td></td>
</tr>
<tr>
<td>SOC310 Sociology of the Family</td>
<td></td>
</tr>
<tr>
<td>SOC320 Community Sociology</td>
<td></td>
</tr>
</tbody>
</table>

Total ........................................................................... 40 hours

PROFESSIONAL EDUCATION REQUIREMENTS (12 HOURS)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU100 Foundations of Education or EDU 101 Education Bridge (1 hr)</td>
<td>3</td>
</tr>
<tr>
<td>EDU230 Survey of Special Needs Education</td>
<td>3</td>
</tr>
<tr>
<td>EDU 250 Educational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>EDU319 Classroom Management for Middle Childhood &amp; AYA Education</td>
<td>3</td>
</tr>
</tbody>
</table>

Total ........................................................................... 12 hours

READING CORE REQUIREMENTS (12 HOURS)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU334 Role of Phonics in Emergent Literacy</td>
<td>3</td>
</tr>
<tr>
<td>EDU212 Teaching Reading Through Literature for Young Adolescents</td>
<td>3</td>
</tr>
<tr>
<td>EDU330 Developmental Reading Through Content Area Reading</td>
<td>3</td>
</tr>
<tr>
<td>EDU332 Reading, Diagnosis &amp; Assessment</td>
<td>3</td>
</tr>
</tbody>
</table>

Total ........................................................................... 12 hours
### MAJOR: SCIENCE WITH LICENSURE IN MIDDLE SCHOOL EDUCATION (continued)

#### MIDDLE SCHOOL REQUIREMENTS (27 HOURS)
- EDM210 Education for Young Adolescents ........................................ 3 hours
- EDM235 Middle Childhood Curriculum, Instruction & Assessment ........ 3 hours
- EDM250 Middle Childhood Methods & Field Experience I .................. 3 hours
- EDM350 Middle Childhood Methods & Field Experience II ................ 3 hours
- EDM450 Middle Childhood Student Teaching .................................. 12 hours
- EDU329 Differentiated Instruction & Assessment ............................... 3 hours

Total ...................................................................................................... 27 hours

Sub-total ................................................................................................ 137 hours

#### SECONDARY FIELD OF STUDY: CHOOSE ONE FIELD
Secondary Field of Study courses will be used to fill General Education Requirements. Students must choose secondary field of study when they declare their education major in order to avoid taking courses that do not fulfill graduation requirements for their major or secondary field of study.

#### LANGUAGE ARTS
- ENG313 Theoretical Approaches to Reading and Writing ...................... 3 hours
- One of the following: ..................................................................... 3 hours
  - ENG360 American Poetry (w)
  - ENG361 British Poetry (w)
  - ENG422 World Literature (w)
- Total .................................................................................................. 6 hours

Students must also take any 200-level CUL, ENG, or PHI to meet CUL448/449 prerequisite for an additional (3 cr. hours), total for LA minors is 9 hours.

#### MATHEMATICS
- MAT251 Applied Mathematics ......................................................... 3 hours
- MAT271 Geometry for Middle School Teachers ............................... 3 hours
- MAT273 Applied Statistics I .............................................................. 3 hours
- MAT275 Pre-Calculus ..................................................................... 3 hours
- MAT370 Teaching Mathematics in Middle School (w) .................... 3 hours

Total ...................................................................................................... 15 hours

#### SOCIAL STUDIES
- CUL250 World Cultural Geography ................................................ 3 hours
- ECO222 Principles of Microeconomics ......................................... 3 hours
- HIS267 Challenges of Global Leadership: US History after 1945 (w) .... 3 hours
- HIS323 The Emerging West (w) ...................................................... 3 hours
- HIS410 The Inter-Connected World (w) ........................................... 3 hours

Total ...................................................................................................... 15 hours

Total for Degree .................................................................................. 143-152 hours

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### BACHELOR OF BUSINESS ADMINISTRATION (BBA) DEGREE

Tiffin University awards the Bachelor of Business Administration Degree in the following majors:

- Accounting
- Computer and Information Systems
- Digital Innovation and Design
- Finance
- Global Leadership Honors
- Management
- Marketing
- Sports and Recreation Management

BBA degree candidates must complete the course work and semester hours as specified below. Courses marked with an asterisk (*) under each major count toward the major core 2.50 cumulative grade point average requirement.

#### Knowledge Skills and General Education Core*

- Core Curriculum of the School of Business .................................. 18 hours
- Total Semester hours for the Major ................................................. 30 hours
- Open Electives/Minor .................................................................... 24 hours
- Total semester hours for the degree ................................................ 121 hours

*In selecting courses to fulfill the General Education Core requirements, the following courses are recommended to ensure that prerequisites are satisfied for both the School of Business Core and the major:
- ECO221 Principles of Macroeconomics
- MAT273 Applied Statistics I
- MGT201 Management of Organizations (w)

#### BUSINESS CORE

- ACC201 Survey of Accounting ....................................................... 3 hours
- ECO222 Principles of Microeconomics ......................................... 3 hours
- LAW211 Business Law I ................................................................. 3 hours
- FIN301 Business Finance ............................................................... 3 hours
- MKT151 Introductory Marketing .................................................... 3 hours
- *MGT495 Organizational Strategy (w) ........................................... 3 hours

Total ..................................................................................................... 18 hours
MAJOR: ACCOUNTING
Accounting provides information that is useful for decision-making in predicting cash flows about economic resources, claims to economic resources, and changes in economic resources of an organization. Students are encouraged to work toward becoming a Certified Public Accountant (CPA) or a Certified Management Accountant (CMA).

ACC210 Analysis of the Accounting Process .................................................. 3 hours
*ACC228 Managerial Accounting ................................................................. 3 hours
*ACC301 Intermediate Accounting I ......................................................... 3 hours
ACC302 Intermediate Accounting II ........................................................ 3 hours
*ACC304 Federal Income Tax (w) .............................................................. 3 hours
*ACC313 Cost Accounting I ...................................................................... 3 hours
*ACC314 Cost Accounting II ..................................................................... 3 hours
*ACC403 Accounting Information Systems .............................................. 3 hours
*ACC404 Auditing .................................................................................... 3 hours
ACC470 Internship ................................................................................... 3 hours
Total .......................................................................................................... 30 hours

MAJOR: COMPUTER INFORMATION SYSTEMS
The major is designed for students who wish to work with all facets of an organization, from technology to people. The curriculum blends technology, software, programming, business theory and practice while emphasizing the application of computers and technology in the business organization. Graduates could start their careers as Programmer/Analysts, Systems Analysts, Network Technicians, PC Specialists, Web Developers/Administrators, or Database Specialists. Advancement in their careers could lead to higher levels within the organization such as Software Engineers, Data Centers Managers, Network Managers, Project Managers, System Managers, Database Architects, MIS Director or Chief Information Officer (CIO).

COMPUTER INFORMATION SYSTEMS CORE
CIT155 Operating Systems .......................................................................... 3 hours
*CIS201 Programming ................................................................................ 3 hours
*CIS212 Systems Analysis and Design (w) ................................................. 3 hours
*CIS312 Information Systems for Managers (w) ....................................... 3 hours
*CIS315 Database Design and Applications I .............................................. 3 hours
*CIS470 Internship .................................................................................... 3 hours
Total .......................................................................................................... 18 hours

CONCENTRATION: APPLICATION SPECIALIST
CIS316 Database Design and Applications II .............................................. 3 hours
*CIS335 Spreadsheet Applications for Decision Making .......................... 3 hours
*CIS411 Microsoft Office Mastery ............................................................ 3 hours
CIS412 Project Management ....................................................................... 3 hours
Total .......................................................................................................... 12 hours

MAJOR: DIGITAL INNOVATION AND DESIGN
Design is a discipline that uses the designer's sensibility and methods to match people's needs with what is technologically feasible and what a viable business strategy can convert into customer value and market opportunity. Current literature promotes the belief that design thinking has much to offer the business world in which most management ideas and best practices are freely available to be copied and exploited. Businesses begin to consider innovation a principal source of differentiation and competitive advantage; therefore, we do well to incorporate design thinking into all phases of business processes.

*ART130 3-Dimensional Foundations ...................................................... 3 hours
*ART325 Graphic Design ........................................................................... 3 hours
ART340 Topics in Art History ................................................................. 3 hours
*ART420 Interactive Digital Design .......................................................... 3 hours
MKT253 Marketing Communications ....................................................... 3 hours
*CIS201 Visual Programming .................................................................. 3 hours
*CIS255 Web Design ............................................................................... 3 hours
*CIS412 Project Management .................................................................. 3 hours
CIS470 Internship .................................................................................... 3 hours
*MGT434 Design Thinking and Process ................................................ 3 hours
Total .......................................................................................................... 30 hours

Some courses may have prerequisites. See course description for details.

Students should take COM134 Digital Photography as a Social Science course and COM330 Video Production as an open elective. Online & Off-Campus students should also take MGT315 Creative Strategy as an open elective.
**MAJOR: FINANCE**

Finance is an integral part of decision making in the private sector (for-profit and nonprofit organizations), and the public sector (local, state, and national levels). The finance curriculum prepares students for positions in industry (manufacturing), retailing, finance (banks, insurance companies, pension funds, finance companies), and in financial planning. The curriculum strikes a balance between applications and theory.

ACC210 Analysis of the Accounting Process ........................................... 3 hours
ACC301 Intermediate Accounting I .......................................................... 3 hours
*LAW212 Business Law II ................................................................. 3 hours
*ECO322 Intermediate Microeconomics ............................................... 3 hours
*ECO420 Money and Banking ............................................................... 3 hours
*ECO422 Managerial Economics ......................................................... 3 hours
*FIN314 Risk Management and Insurance ............................................ 3 hours
*FIN421 Investments ........................................................................ 3 hours
*FIN426 International Finance .............................................................. 3 hours
FIN470 Internship ................................................................................ 3 hours

**Total .................................................................................................... 30 hours**

**MAJOR: GLOBAL LEADERSHIP HONORS**

The purpose of the Global Leadership Honors major is to offer students a unique, honors-based program in one of the critical management arenas of the 21st century. Students who have completed 12-24 or more semester hours of college coursework may apply for admission to the major. The program will have a business base with an interdisciplinary global core curriculum and a required minor program to ensure that students have both leadership and discipline skill sets sought by employers and graduate schools. Students must also complete at least one of the following: study abroad, intern abroad (4-6 weeks), or achieve proficiency in a second language.

ACC228 Managerial Accounting .......................................................... 3 hours
*GLM205 Introduction to Global Leadership ......................................... 3 hours
*GLM210H Markets and Economics (w) .............................................. 3 hours
*GLM310H Culture, Business and Markets (w) .................................... 3 hours
*GLM395H Global Leadership Theory ................................................. 3 hours
*GLM410H Global Leadership Professional Seminar (w) .................. 3 hours
*GLM470H Study/Intern Abroad or language proficiency .................. 3 hours
*MGT351 Managing Diversity in the Workplace (w) ......................... 3 hours
*MGT404 Organizational Theory .......................................................... 3 hours
*One of the following: ...................................................................... 3 hours
ECO424 International Trade
FIN426 International Finance
MKT404 Global Marketing

**Total .................................................................................................... 30 hours**

**Required Minor: choose from list below ................................................. 15-18 hours**
Accounting
Computer and Information Systems
Finance
Individualized Studies
Intelligence Studies
 Journalism
Marketing
Public Relations
Regional Studies

**MAJOR: MANAGEMENT**

The Management curriculum is designed to provide skills and competencies necessary for the world of work in the 21st century. Students complete the courses in the Management Core (9 hours) covering different functional areas, and undertake an in-depth study in an area of concentration (21 hours). Concentrations are offered in the areas of Hospitality and Tourism, Human Resource Management, International Business, Managerial Studies, and Supply Chain Management. The curriculum takes the approach of total development of the individual, placing emphasis on personal as well as professional growth. It prepares students for both a career and for graduate studies.

**MANAGEMENT CORE (REQUIRED FOR ALL MANAGEMENT MAJORS)**

*ACC228 Managerial Accounting ....................................................... 3 hours
*CIS312 Information Systems for Managers (w) ................................. 3 hours
*MGT301 Organizational Behavior ...................................................... 3 hours

**Total .................................................................................................... 9 hours**

**CONCENTRATION: HOSPITALITY AND TOURISM MANAGEMENT**

The hospitality and tourism industry supports approximately 10% of the global workforce. In the United States, hospitality and tourism is among the top 10 industries in 49 states and D.C. in terms of employment. This concentration prepares students for managerial positions in this field.

HOS104 Introduction to the Hospitality and Tourism Industry .............. 3 hours
HOS215 Food Service and Safety Management ..................................... 3 hours
*HOS280 Hospitality Facilities Management ........................................ 3 hours
*HOS330 Hospitality and Tourism Strategic Management ................. 3 hours
MGT351 Managing Diversity in the Workplace (w) ......................... 3 hours
*MGT475 Internship and Professional Development Seminar ........... 3 hours
*MKT364 Event Marketing and Management ...................................... 3 hours

**Total .................................................................................................... 21 hours**
### MAJOR: MANAGEMENT (continued)

#### CONCENTRATION: HUMAN RESOURCE MANAGEMENT

*Offered online only*

This concentration prepares students for careers in human resource management and for advanced study in the human resource field.

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAW321 Employment and Labor Law</td>
<td>3</td>
</tr>
<tr>
<td>*MGT317 Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT318 Total Compensation</td>
<td>3</td>
</tr>
<tr>
<td>MGT320 Human Resource Risk Management</td>
<td>3</td>
</tr>
<tr>
<td>*MGT351 Managing Diversity in the Workplace (w)</td>
<td>3</td>
</tr>
<tr>
<td>*MGT402 Training and Development</td>
<td>3</td>
</tr>
<tr>
<td>*MGT43 Strategic Human Resource Management &amp; Emerging Issues</td>
<td>3</td>
</tr>
<tr>
<td>MGT470 Internship</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>24 hours</strong></td>
</tr>
</tbody>
</table>

Students must take MGT320 Human Resource Risk Management as an open elective.

#### CONCENTRATION: INTERNATIONAL BUSINESS

Emphasis is on the global issues in management such as trade, competition, markets, organizational design, information technology and human resource management. Impact of globalization on all business is explored. Students are strongly encouraged to take at least one year of foreign language study or pass a language proficiency examination and to study abroad for a semester.

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>*FIN426 International Finance</td>
<td>3</td>
</tr>
<tr>
<td>*MGT351 Managing Diversity in the Workplace (w)</td>
<td>3</td>
</tr>
<tr>
<td>*MGT411 International Management</td>
<td>3</td>
</tr>
<tr>
<td>*MKT404 Global Marketing</td>
<td>3</td>
</tr>
<tr>
<td>ECO424 Global Trade</td>
<td>3</td>
</tr>
<tr>
<td>One of the following: CUL312 Middle Eastern Cultures</td>
<td></td>
</tr>
<tr>
<td>HIS312 History of the Middle East (w)</td>
<td></td>
</tr>
<tr>
<td>One course related to specific world area (e.g. Russia, Europe, Africa)</td>
<td></td>
</tr>
<tr>
<td>MGT470 Internship</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>21 hours</strong></td>
</tr>
</tbody>
</table>

### CONCENTRATION: MANAGERIAL STUDIES

This concentration takes a generalist approach and focuses on skill development and managerial problem solving. The field of management is studied as a science and a craft, with emphasis on ethical conduct.

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>*MGT221 Supply Chain Management</td>
<td>3</td>
</tr>
<tr>
<td>*MGT317 Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>*MGT404 Organization Theory</td>
<td>3</td>
</tr>
<tr>
<td>*MGT411 International Management</td>
<td>3</td>
</tr>
<tr>
<td>Two of the following: LAW321 Employment and Labor Law</td>
<td>3</td>
</tr>
<tr>
<td>MGT351 Managing Diversity in the Workplace (w)</td>
<td>3</td>
</tr>
<tr>
<td>MGT359 Small Business Management</td>
<td></td>
</tr>
<tr>
<td>MGT390 Special Topics</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>21 hours</strong></td>
</tr>
</tbody>
</table>

### CONCENTRATION: SUPPLY CHAIN MANAGEMENT

This concentration is designed to prepare students for positions in organizations with SCM needs. The goal is to have graduates who are conversant in the language, applications and techniques of Supply Chain Management. All students will review content areas and be encouraged to take the Certification examination administered by the American Production and Inventory Control Society leading to the Designation of Certified Supply Chain Professional (CSCP).

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>*MGT221 Supply Chain Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT317 Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>*MGT324 Logistics and Distribution</td>
<td>3</td>
</tr>
<tr>
<td>MGT356 Quality Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT422 Materials Management and Procurement</td>
<td>3</td>
</tr>
<tr>
<td>*MGT455 Lean Organizations</td>
<td>3</td>
</tr>
<tr>
<td>*MGT470 Internship</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>21 hours</strong></td>
</tr>
</tbody>
</table>
## MAJOR: MARKETING

The primary focus of the curriculum is on marketing function management that provides an integrated approach to the discipline. Emphasis is on the development and implementation of marketing strategies and on the effective use of the marketing mix.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC228</td>
<td>Managerial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>MGT301</td>
<td>Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MKT252</td>
<td>Buyer Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MKT253</td>
<td>Marketing Communications</td>
<td>3</td>
</tr>
<tr>
<td>MKT305</td>
<td>Retailing Management</td>
<td>3</td>
</tr>
<tr>
<td>MKT354</td>
<td>Personal Selling</td>
<td>3</td>
</tr>
<tr>
<td>MKT357</td>
<td>Business Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MKT402</td>
<td>Marketing Research (w)</td>
<td>3</td>
</tr>
<tr>
<td>MKT404</td>
<td>Global Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MKT470</td>
<td>Marketing Internship</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>30</strong></td>
</tr>
</tbody>
</table>

Some courses may have prerequisites. See course description for details.

## MAJOR: SPORTS AND RECREATION MANAGEMENT

This major is designed to prepare students for careers and advanced study in the field of sports, the manufacturing and marketing of sports equipment and services, as well as the growing fields of recreation and leisure management.

### SPORTS AND RECREATION CORE

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRM160</td>
<td>Introduction to Sport and Recreation Management</td>
<td>3</td>
</tr>
<tr>
<td>LAW260</td>
<td>Legal Issues in Sports and Recreation</td>
<td>3</td>
</tr>
<tr>
<td>SRM360</td>
<td>Business of Sports (w)</td>
<td>3</td>
</tr>
<tr>
<td>SRM405</td>
<td>Sports Analytics</td>
<td>3</td>
</tr>
<tr>
<td>SRM475</td>
<td>Internship and Professional Development Seminar</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

Some courses may have prerequisites. See course description for details.

## CONCENTRATION: SPORTS & ATHLETIC ADMINISTRATION

- *SRM235 Sports Marketing and Promotions ................................................ 3 hours
- *SRM325 Facilities Design and Management ............................................... 3 hours
- SRM220 Principles of Athlete Development ............................................... 3 hours
- *SRM315 Supervision in Sports and Recreation ........................................ 3 hours
- *One of the following:                                               ................................................ 3 hours
  MGT301 Organizational Behavior
  MGT317 Human Resource Management

**Total** ............................................................................................................. 15 hours

Some courses may have prerequisites. See course description for details.

Students should take SOC280 Sports in American Society as an open elective.

## CONCENTRATION: SPORTS MARKETING

- *SRM235 Sports Marketing & Promotions ................................................ 3 hours
- *MKT253 Marketing Communication ......................................................... 3 hours
- COM212 Introduction to Public Relations (w) ............................................. 3 hours
- *MKT364 Event Marketing and Management ............................................... 3 hours
- *One of the following:                                               ................................................ 3 hours
  ART325 Graphic Design
  COM329 Writing for Electronic Media

**Total** ............................................................................................................. 15 hours

Some courses may have prerequisites. See course description for details.

Students should take SOC280 Sports in American Society as an open elective.
BACHELOR OF CRIMINAL JUSTICE (BCJ) DEGREE

Tiffin University awards the Bachelor of Criminal Justice Degree in the following majors:
- Corrections
- Criminalistics
- Digital Forensics
- Forensic Psychology
- Homeland Security/Terrorism
- Justice Administration
- Law Enforcement

BCJ degree candidates must complete the course work and semester hours as specified below. Courses marked with an asterisk (*) under each major count toward the major core 2.50 cumulative grade point average requirement.

Knowledge Skills and General Education Core* ........................................ 49 hours
Core Curriculum of the School of Criminal Justice ........................................ 21 hours
Total Semester hours for the Major .......................................................... up to 21 hours
Open Electives/Minor .................................................................................. up to 24 hours
Total semester hours for the degree ............................................................ 121 hours

*In selecting courses to fulfill the General Education Core requirements, the following courses are recommended to insure that prerequisites are satisfied for both the Bachelor of Criminal Justice core and the major:
PSY101 Introduction to Psychology and/or SOC101 Principles of Sociology
MAT273 Applied Statistics I

Homeland Security and Terrorism majors will take POL101 Introduction to the American Political Process as one of the Social Science courses.

CRIMINAL JUSTICE CORE

The Criminal Justice curricula are designed to help students grasp the fundamental values and purposes of criminal justice in American society. This program prepares students for entry level administrative and advocacy positions in criminal justice. Students may choose to major in corrections, criminalistics, digital forensics, forensic psychology, homeland security/terrorism, justice administration, and law enforcement.

JUS110 Introduction to Criminal Justice .................................................. 3 hours
JUS201 Criminal Law ............................................................................. 3 hours
JUS202 Criminal Procedures ................................................................. 3 hours
*JUS361 Ethical Issues in Criminal Justice ............................................. 3 hours
ENF293 Criminology (w) ................................................................. 3 hours
*SCS300 Research Design (w) ................................................................. 3 hours
*SCS470 Internship I ........................................................................... 3 hours
Total ........................................................................................................ 21 hours

MAJOR: CORRECTIONS

COR120 Correctional Thought and Practice .............................................. 3 hours
COR231 Juvenile Justice Systems .............................................................. 3 hours
COR245Probation, Parole, and Community Corrections ............................ 3 hours
*COR336 Constitutional Rights of Prisoners ........................................... 3 hours
*COR420 Agency Management ............................................................... 3 hours
*FOR423 Case Management ................................................................ 3 hours
*FOR430 Crisis Intervention Strategies ............................................... 3 hours
FOR347 Sex Crimes ............................................................................. 3 hours
*PSY362 Abnormal Behavior ................................................................. 3 hours
FOR365 Drugs and Society .................................................................... 3 hours
Total ........................................................................................................ 30 hours

MAJOR: CRIMINALISTICS

Criminalistics is intended for students who desire to become law enforcement officers specializing in the area of forensic evidence. It provides a focus for the student who wishes to become involved in the science-based processing and study of evidence of crimes at the non-laboratory level.

*FSC115 Introduction to Forensic Science ............................................... 3 hours
NAT150 Human Anatomy and Physiology ............................................ 3 hours
NAT150L Human Anatomy and Physiology lab .................................... 1 hour
*ENF239 Applied Criminal Investigation & Criminalistics ..................... 3 hours
*ENF320 Advanced Criminalistics ......................................................... 3 hours
CDS334 Technology and Crime .............................................................. 3 hours
CDS351 Survey of Computer Forensics .................................................. 3 hours
ENF355 Forensic Investigation of Sex Crimes ........................................... 3 hours
ENF432 Death Investigations ................................................................ 3 hours
*ENF460 Evidence Processing ............................................................... 3 hours
*JOR465 Trial Evidence (Capstone) ....................................................... 4 hours
Total ........................................................................................................ 32 hours

Some courses may have prerequisites. See course description for details.
### MAJOR: DIGITAL FORENSICS

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS201 Programming</td>
<td>3</td>
</tr>
<tr>
<td>CIT135 Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>CIT361 Network Management and Administration</td>
<td>3</td>
</tr>
<tr>
<td>*CDS152 Introduction to Cyber Defense</td>
<td>3</td>
</tr>
<tr>
<td>CDS334 Technology and Crime</td>
<td>3</td>
</tr>
<tr>
<td>CDS351 Survey of Digital Forensics</td>
<td>3</td>
</tr>
<tr>
<td>*CDS344 Information Security</td>
<td>3</td>
</tr>
<tr>
<td>*CDS345 Cyber Law and Ethics</td>
<td>3</td>
</tr>
<tr>
<td>*CDS435 Advanced Digital Forensics</td>
<td>3</td>
</tr>
<tr>
<td>*CDS491 Senior Seminar in Cyber Defense (w)</td>
<td>3</td>
</tr>
<tr>
<td>ENF239 Applied Criminal Investigation and Criminalistics</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>33</strong></td>
</tr>
</tbody>
</table>

### MAJOR: FORENSIC PSYCHOLOGY

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOR105 Victimology</td>
<td>3</td>
</tr>
<tr>
<td>*FOR344 Psychology of Violence and Aggression (w)</td>
<td>3</td>
</tr>
<tr>
<td>FOR340 Crisis Intervention Strategies</td>
<td>3</td>
</tr>
<tr>
<td>*FOR460 Psychology and Law (w)</td>
<td>3</td>
</tr>
<tr>
<td>*JUS461 Capstone Senior Seminar in Criminal Justice (w)</td>
<td>3</td>
</tr>
<tr>
<td>*PSY360 Introduction to Counseling</td>
<td>3</td>
</tr>
<tr>
<td>*PSY362 Abnormal Behavior</td>
<td>3</td>
</tr>
<tr>
<td>SOC250 Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC360 Multicultural Issues in Society (w)</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>30</strong></td>
</tr>
</tbody>
</table>

### MAJOR: HOMELAND SECURITY/ TERRORISM

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>*ENF154 Homeland Security Overview</td>
<td>3</td>
</tr>
<tr>
<td>*ENF212 Concepts of Terrorism</td>
<td>3</td>
</tr>
<tr>
<td>ENF240 Critical Infrastructure Protection</td>
<td>3</td>
</tr>
<tr>
<td>*ENF245 Emergency Organizations and Management</td>
<td>3</td>
</tr>
<tr>
<td>ENF390 Special Topics</td>
<td>3</td>
</tr>
<tr>
<td>*JUS215 Homeland Security and the Legal System</td>
<td>3</td>
</tr>
<tr>
<td>POL151 Introduction to National Security Studies</td>
<td>3</td>
</tr>
<tr>
<td>POL341 Covert Action and Intelligence</td>
<td>3</td>
</tr>
<tr>
<td>*POL491 Capstone Senior Seminar in Homeland &amp; National Security (w)</td>
<td>3</td>
</tr>
<tr>
<td>PSY344 Psychology of Terrorism</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>30</strong></td>
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</tbody>
</table>

### MAJOR: JUSTICE ADMINISTRATION

Tiffin Campus and Online major courses (to be taken in addition to Criminal Justice Core):

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COR120 Correctional Thought and Procedures</td>
<td>3</td>
</tr>
<tr>
<td>COR231 Juvenile Justice Systems</td>
<td>3</td>
</tr>
<tr>
<td>COR420 Agency Management</td>
<td>3</td>
</tr>
<tr>
<td>ENF150 Police and Society</td>
<td>3</td>
</tr>
<tr>
<td>*ENF154 Homeland Security Overview</td>
<td>3</td>
</tr>
<tr>
<td>*ENF245 Emergency Organizations and Management</td>
<td>3</td>
</tr>
<tr>
<td>*ENF335 Law Enforcement Supervision</td>
<td>3</td>
</tr>
<tr>
<td>*ENF450 Crime Analysis</td>
<td>3</td>
</tr>
<tr>
<td>*JUS461 Senior Capstone in Criminal Justice (w)</td>
<td>3</td>
</tr>
<tr>
<td>POL320 Public Administration</td>
<td>3</td>
</tr>
<tr>
<td>SOC360 Multicultural Issues in Society (w)</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>33</strong></td>
</tr>
</tbody>
</table>

**Off-Campus courses only:** The Off-Campus BCJ Justice Administration degree incorporates some General Studies requirements (not listed here), some School of Criminal Justice and Social Sciences Core requirements, and the Professional Major courses. These courses are not listed in sequence.

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>*COR320 Correctional Thought &amp; Procedures</td>
<td>3</td>
</tr>
<tr>
<td>ENG365 Issues in Literature (w) (L)</td>
<td>3</td>
</tr>
<tr>
<td>*ENF317 Introduction to CJ Leadership</td>
<td>3</td>
</tr>
<tr>
<td>*ENF323 Issues in Law Enforcement</td>
<td>3</td>
</tr>
<tr>
<td>*ENF335 Law Enforcement Supervision</td>
<td>3</td>
</tr>
<tr>
<td>*ENF393 Criminal Nature</td>
<td>3</td>
</tr>
<tr>
<td>ENF400 Comparative Criminal Justice Systems</td>
<td>3</td>
</tr>
<tr>
<td>*ENF450 Crime Analysis</td>
<td>3</td>
</tr>
<tr>
<td>FOR344 Psychology of Violence &amp; Aggression</td>
<td>3</td>
</tr>
<tr>
<td>FOR366 Substance Abuse</td>
<td>3</td>
</tr>
<tr>
<td>JUS110 Introduction to Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>JUS201 Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>JUS202 Criminal Procedures</td>
<td>3</td>
</tr>
<tr>
<td>JUS361 Ethical Issues in Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>*JUS463 Applied Research Design</td>
<td>6</td>
</tr>
<tr>
<td>MAT326 Statistics for Criminal Justice Majors</td>
<td>3</td>
</tr>
<tr>
<td>SC3440 Theory &amp; Application of Leadership</td>
<td>3</td>
</tr>
<tr>
<td>SOC350 Social Behavior</td>
<td>3</td>
</tr>
<tr>
<td>SOC360 Multicultural Issues in Society</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>30</strong></td>
</tr>
</tbody>
</table>
MAJOR: LAW ENFORCEMENT

MAJOR COURSES

- CDSS34 Technology and Crime ................................................. 3 hours
- COR120 Correctional Thought and Practice ......................... 3 hours
- COR231 Juvenile Justice Systems ............................................ 3 hours
- ENF150 Police and Society .................................................... 3 hours
- ENF239 Applied Criminal Investigation and Criminalistics .......... 3 hours
- *ENF335 Law Enforcement Supervision .................................... 3 hours
- *ENF400 Comparative Criminal Justice Systems ................. 3 hours
- *ENF450 Crime Analysis ....................................................... 3 hours
- ENF460 Evidence Processing (w) ........................................... 4 hours
- *JUS461 Capstone Senior Seminar in Criminal Justice (w) .... 3 hours

Total .......................................................................................... 31 hours

MAJOR: EXERCISE SCIENCE

SCIENCE CORE

- CHM 131 General Chemistry I with Lab .................................. 4 hours
- CHM 132 General Chemistry II with Lab ............................... 4 hours
- BIO 210 General Biology I with Lab ....................................... 4 hours
- BIO 211 General Biology II with Lab ...................................... 4 hours
- CHM 331 Organic Chemistry I with Lab ................................. 4 hours

Total ......................................................................................... 20 hours

MAJOR COURSES

- NAT124 Introduction to Athletic Training .................................. 3 hours
- NAT146 Introduction to Exercise Science (w) ......................... 3 hours
- *NAT225 Motor Development ................................................ 3 hours
- NAT260 Lifetime Fitness and Wellness ..................................... 3 hours
- NAT291 Drugs and the Body (w) ............................................. 3 hours
- BIO311 Human Anatomy and Physiology I (w) and BIO311L Lab 4 hours
- *BIO312 Human Anatomy and Physiology (w) and BIO312L Lab 4 hours
- *NAT315 Biomechanics of Sport and Exercise and NAT315L Lab 4 hours
- *NAT316 Nutrition for Sport and Exercise ............................. 3 hours
- *NAT322 Kinesiology ............................................................ 3 hours
- *NAT342 Exercise Assessment and Prescription (w) and NAT342L Lab 4 hours
- *NAT422 Exercise Physiology and NAT422L Lab ........................ 4 hours
- *SAS470 Internship (w) .......................................................... 3 hours

Total .......................................................................................... 64 hours

Total for Major ........................................................................... 128 hours

Exercise Science majors must NAT220 Survey of Health Issues to meet the General Education Natural Science requirement.

BACHELOR OF SCIENCE (BS) DEGREE

Tiffin University awards the Bachelor of Science Degree in the following majors:

- Exercise Science
- Forensic Science
- Healthcare Administration
- Information Technology
- Mathematics

BS degree candidates must complete the course work and semester hours as specified below. Courses marked with an asterisk (*) under each major count toward the core major 2.50 cumulative grade point average requirement.

Knowledge Skills and General Education Core* ...................................... 49-50 hours
Total Semester hours for the major .......................................................... 54-60 hours
Open Electives/ Minor ............................................................................. 24 hours
Minimum Total hours for the degree ......................................................... 127-134 semester hours

*In selecting courses to fulfill the General Education Core requirements, the following courses are recommended to ensure that prerequisites are satisfied for the major:

Exercise Science: NAT220 Survey of Health Issues
Forensic Science: ENG245 Technical Writing
MAJOR: FORENSIC SCIENCE

The Forensic Science program is structured for a student to learn scientific principles and methods, applied to arrest criminal and civil investigations and litigations. This program places an emphasis on the interdisciplinary disciplines of chemistry, biology, and law. Students are educated on the role of forensic scientists in the criminal justice system and how scientific evidence can be used in that system. Students will earn a Bachelor of Science in Forensic Science upon the successful completion of the required coursework. Because forensic science is a scientific field based in both scientific method and principles, and scientific laboratory applications, students completing this degree can seek professional employment positions in not just forensic science labs, but also in commercial and industrial laboratories.

SCIENCE CORE
CHM 131 General Chemistry I with Lab ......................................................... 4 hours
CHM 132 General Chemistry II with Lab ........................................................ 4 hours
BIO311 Human Anatomy and Physiology (w) and BIO311L Lab .................. 4 hours
BIO312 Human Anatomy and Physiology (w) and BIO312L Lab .................. 4 hours
CHM 331 Organic Chemistry I with Lab ....................................................... 4 hours
CHM411 Biochemistry ............................................................................... 3 hours

MAJOR COURSES
*FSC115 Introduction to Forensic Science and FSC115L Lab .......................... 4 hours
FSC215 Evidence Law and Ethics .................................................................. 3 hours
BIO 211 General Biology II with Lab ............................................................ 4 hours
BIO333 Genetics and BIO333L Lab ............................................................... 4 hours
BIO373 Microbiology and BIO373L Lab ...................................................... 4 hours
BIO445 Cellular and Molecular Biology and BIO445L Lab ............................ 4 hours
*CHM381 Quantitative Analysis and CHM381L Lab ..................................... 4 hours
CHM435 Inorganic Chemistry and CHM435L Lab ....................................... 4 hours
CHM450 Physical Chemistry and CHM450L Lab ......................................... 4 hours
*CHM481 Instrumental Analysis and CHM481L Lab .................................... 4 hours
MAT381 Calculus II ..................................................................................... 3 hours
PHY211 General Physics I and PHY211L Lab .............................................. 4 hours
PHY212 Physics II and PHY212L Lab .......................................................... 4 hours
One of the following .................................................................................... 3 hours
SAS470 Internship
CHM370 Experimental Research Design

Total.............................................................................................................. 75 hours

Total for Major................................................................................................ 135 hours

Forensic Science majors must take BIO210 General Biology I and BIO210L Lab as prerequisites to meet the General Education Natural Science requirement. It is recommended that students take ENG245 Technical Writing as an Open Elective.

MAJOR: HEALTHCARE ADMINISTRATION

Offered through Online & Off-Campus programs only
BIO101 Contemporary Biological Problems and BIO101L Lab .................... 4 hours
CHM131 General Chemistry I and CHM131L Lab ....................................... 4 hours
MTG140 Survey of Healthcare Organizations ......................................... 3 hours
*MGT151 Medical Terminology .................................................................. 3 hours
ACC201 Survey of Accounting ................................................................... 3 hours
ECO222 Principles of Economics ................................................................. 3 hours
*LAW403 Healthcare Law .......................................................................... 3 hours
*MGT301 Organizational Behavior .............................................................. 3 hours
MTG495 Organizational Strategy (w) ............................................................ 3 hours
*HCA301 Healthcare Finance ...................................................................... 3 hours
*HCA312 Healthcare Informatics (w) ............................................................. 3 hours
*HCA318 Human Resource for Healthcare Managers ............................... 3 hours
HCA355 Healthcare Marketing ..................................................................... 3 hours
*HCA362 Research and Analysis for Healthcare ......................................... 3 hours
HCA427 Healthcare Operations .................................................................... 3 hours
* One of the following .................................................................................. 3 hours
HCA470 Internship
HCA491 Healthcare Administration Research Project

Open Electives: Choose eight (8) from the following courses:...................... 24 hours
CUL428, FIN201, NAT260, NAT291, NAT312, NAT321, NAT418, HCA473, HCA474, HCA475, PSY265, PSY362

Total ............................................................................................................. 50 hours

Total for Major ................................................................................................ 124 hours
### MAJOR: INFORMATION TECHNOLOGY

**Offered through Online & Off-Campus programs only**

**COMPUTER INFORMATION SYSTEMS CORE**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>*CIS201 Programming</td>
<td>3</td>
</tr>
<tr>
<td>CIS315 Database Design and Applications I</td>
<td>3</td>
</tr>
<tr>
<td>CIT320 Computer Architecture and Diagnostics</td>
<td>3</td>
</tr>
<tr>
<td>CIT344 Information Security</td>
<td>3</td>
</tr>
<tr>
<td>*CIT361 Network Management and Administration</td>
<td>3</td>
</tr>
<tr>
<td>*ITS106 Introduction to Information Science (w)</td>
<td>3</td>
</tr>
<tr>
<td>ITS120 Current Trends in Virtual Computing</td>
<td>3</td>
</tr>
<tr>
<td>*ITS215 Open Source Computing</td>
<td>3</td>
</tr>
<tr>
<td>ITS345 Computer Law and Ethics</td>
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</tr>
</tbody>
</table>

**Total** ................................................................. 27 hours

**CONCENTRATION: SYSTEMS ADMINISTRATION**

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>*CIS412 Project Management</td>
<td>3</td>
</tr>
<tr>
<td>CIT362 Data Communications and Networking</td>
<td>3</td>
</tr>
<tr>
<td>ITS370 Server Administration</td>
<td>3</td>
</tr>
<tr>
<td>*ITS375 Open Source Security (w)</td>
<td>3</td>
</tr>
<tr>
<td>*ITS430 Enterprise Administration</td>
<td>3</td>
</tr>
<tr>
<td>ITS465 Wide Area Networking and Switching</td>
<td>3</td>
</tr>
<tr>
<td>*ITS495 Capstone Project (w)</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total** ................................................................. 21 hours

---

### MAJOR: MATHEMATICS

**Offered Campus programs only**

The Bachelor of Science Degree in Mathematics is an educational foundation for students desiring a career in mathematics or planning for graduate school in applied mathematics. Employers of students earning this degree are governmental, industrial and scientific organizations.

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT287 Discrete Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>PHY211 General Physics I and Lab</td>
<td>4</td>
</tr>
<tr>
<td>PHY212 General Physics II and Lab</td>
<td>4</td>
</tr>
<tr>
<td>MAT387 Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>MAT389 Introduction to Analysis</td>
<td>3</td>
</tr>
<tr>
<td>MAT392 Abstract Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MAT394 Complex Analysis</td>
<td>3</td>
</tr>
<tr>
<td>MAT340 Probability Theory</td>
<td>3</td>
</tr>
<tr>
<td>MAT398 Game Theory</td>
<td>3</td>
</tr>
<tr>
<td>MAT396 Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MAT285 Calculus II</td>
<td>5</td>
</tr>
<tr>
<td>MAT420 Topology</td>
<td>3</td>
</tr>
<tr>
<td>MAT430 Number Theory</td>
<td>3</td>
</tr>
<tr>
<td>MAT432 Set Theory</td>
<td>3</td>
</tr>
<tr>
<td>MAT385 Calculus III</td>
<td>5</td>
</tr>
<tr>
<td>SAS470 Internship</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total** ................................................................. 54 hours

To meet Knowledge Skills requirements, Mathematics majors should take MAT281 (5 credit hours). To meet General Education requirements, Mathematics majors should take MAT273 Applied Statistics I.
ASSOCIATE DEGREE PROGRAM

Associate Degrees are awarded through Tiffin University’s School of Criminal Justice and Social Sciences and are available on the Tiffin University seated campus only.

ASSOCIATE OF CRIMINAL JUSTICE (ACJ) DEGREE

Tiffin University awards the Associate of Criminal Justice Degree in the following major:
- Law Enforcement

<table>
<thead>
<tr>
<th>Core Curriculum</th>
<th>25 hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Semester hours for the Major</td>
<td>36 hours</td>
</tr>
<tr>
<td>Total Semester hours for the Degree</td>
<td>61 hours</td>
</tr>
</tbody>
</table>

**CORE CURRICULUM**

| FY100 First Year Seminar                                  | 1 hour   |
| Writing or Composition (ENG141 or higher)                | 6 hours  |
| Communication                                             | 3 hours  |
| Information Technology                                    | 3 hours  |
| Mathematics (MAT174 or higher)                            | 3 hours  |
| POL101 Introduction to the American Political Process     | 3 hours  |
| PSY101 Introduction to Psychology                         | 3 hours  |
| Elective from the Social Sciences*                        | 3 hours  |
| Total                                                      | 25 hours |

* Social Sciences are courses taken from the departments of COM, ECO, MGT, POL, PSY, or SOC

**MAJOR: LAW ENFORCEMENT**

| CDS334 Technology and Crime                              | 3 hours  |
| COR231 Juvenile Justice Systems                          | 3 hours  |
| ENF150 Police and Society                                | 3 hours  |
| ENP239 Applied Criminal Investigation Criminalistics     | 3 hours  |
| ENP293 Criminology (w)                                   | 3 hours  |
| FOR103 Victimology                                       | 3 hours  |
| JUS110 Introduction to Criminal Justice                  | 3 hours  |
| JUS201 Criminal Law                                      | 3 hours  |
| JUS202 Criminal Procedures                               | 3 hours  |
| SOC101 Principles of Sociology                           | 3 hours  |
| Two Open Electives from 100/200 level in ENF JUS, COR    | 6 hours  |
| Total                                                     | 36 hours |

MINORS

Tiffin University offers students the option of pursuing a minor in the academic areas outlined in the following section. A student may not pursue a minor in the same academic discipline as their Bachelor degree major/concentration.

**MINOR: ACCOUNTING**

| Three ACC courses at the 300-400 level                    | 9 hours  |
| Recommended ACC403 Accounting Information Systems, ACC404 Auditing, ACC405 Fraud Examination in Accounting | 9 hours  |
| Total                                                     | 18 hours |

Some courses may have prerequisites. See course description for details.

**MINOR: ADDICTIONS COUNSELING**

| CSL310 Introduction to Addiction Theory and Practice      | 3 hours  |
| CSL320 Counseling Procedures & Strategies with Addicted/Disordered | 3 hours  |
| CSL425 Group Process & Techniques Working with Addicted/Disordered | 3 hours  |
| CSL435 Assessment & Diagnosis of Addictive and Behavioral Health Problems | 3 hours  |
| CSL440 Prevention, Intervention, and Treatment Planning in Addictions | 3 hours  |
| CSL445 Theory & Practice of Relationship Counseling in Addictions/Behavioral | 3 hours  |
| Total                                                     | 18 hours |

Some courses may have prerequisites. See course description for details.

**MINOR: ARABIC STUDIES**

| ARB101 Elementary Modern Standard Arabic I                | 3 hours  |
| ARB102 Elementary Modern Standard Arabic II              | 3 hours  |
| ARB201 Intermediate Modern Standard Arabic I             | 3 hours  |
| ARB202 Intermediate Modern Standard Arabic II            | 3 hours  |
| CUL312 Middle Eastern Culture                            | 3 hours  |
| HIS312 History of the Middle East (w)                    | 3 hours  |
| Total                                                     | 18 hours |

Some courses may have prerequisites. See course description for details.
MINOR: ART
ART201 Introduction to Art History (w) .................................................. 3 hours
ART392 Advanced Studio Practice ......................................................... 3 hours
Three of the following ............................................................................ 9 hours
   ART120 2-D Foundations
   ART130 3-D Foundations
   COM134 Digital Photography
   ART325 Graphic Design
   ART340 Topics in Art History (w)
   ART415 Art, Audience, and Community
   ART420 Interactive Digital Design
Total ........................................................................................................ 15 hours
Some courses may have prerequisites. See course description for details.

MINOR: BUSINESS ADMINISTRATION
CIS355 Spreadsheet Applications for Decision Making ......................... 3 hours
FIN101 Personal Finance ......................................................................... 3 hours
MGT121 How Business Works .................................................................. 3 hours
MKT253 Marketing Communications ..................................................... 3 hours
MGT301 Organizational Behavior ............................................................ 3 hours
Total ........................................................................................................ 15 hours
Students enrolled in a BBA degree program may not select this minor.
Some courses may have prerequisites. See course description for details.

MINOR: CHEMISTRY
CHM131 General Chemistry I + CHM131L Lab ........................................ 4 hours
CHM132 General Chemistry II + CHM132L Lab ...................................... 4 hours
Two of the following ............................................................................... 8 hours
   CHM331 Organic Chemistry + CHM331L Organic Chemistry Lab
   CHM332 Organic Chemistry II + CHM332L Organic Chemistry II Lab
   CHM381 Quantitative Analysis + CHM381L Quantitative Analysis Lab
One of the following ........................................................................... 3-4 hours
   CHM411 Biochemistry
   CHM435 Inorganic Chemistry + CHM435L Inorganic Chemistry Lab
   CHM450 Physical Chemistry + CHM450L Physical Chemistry Lab
   CHM481 Instrumental Analysis + CHM481L Instrumental Analysis Lab
Total ....................................................................................................... 19-20 hours
Some courses may have prerequisites. See course description for details.

MINOR: COMPUTER AND INFORMATION SYSTEMS
CIS212 Systems Analysis and Design (w) ............................................... 3 hours
CIS255 Internet and Website Development .......................................... 3 hours
CIS315 Database Design and Applications 1 ....................................... 3 hours
CIS355 Spreadsheet Applications for Decision Making ..................... 3 hours
CIT135 Operating Systems .................................................................... 3 hours
CIT361 Network Management and Administration .......................... 3 hours
Total ...................................................................................................... 18 hours
Some courses may have prerequisites. See course description for details.

MINOR: CORRECTIONS
COR120 Correctional Thought and Practice ......................................... 3 hours
COR231 Juvenile Justice Systems ......................................................... 3 hours
COR420 Agency Management ............................................................... 3 hours
COR245 Probation, Parole, and Community Corrections .................. 3 hours
FOR423 Case Management .................................................................. 3 hours
One of the following ........................................................................... 3 hours
   COR336 Constitutional Rights of Prisoners
   FOR365 Drugs and Society
   FOR430 Crisis Intervention Strategies
   PSY269 Human Sexuality
Total ...................................................................................................... 18 hours
Some courses may have prerequisites. See course description for details.

MINOR: CREATIVE WRITING
ENG251 Creative Writing I (w) .............................................................. 3 hours
ENG252 Creative Writing II (w) Short Story ........................................ 3 hours
ENG253 Creative Writing III (w) Poetry ................................................ 3 hours
ENG254 Creative Writing (w) Creative Non-fiction ............................. 3 hours
ENG262 Editing ................................................................................... 3 hours
One of the following ........................................................................... 3 hours
   ENG242 Short Story Interpretation (w)
   ENG360 American Poetry (w)
   ENG361 English Poetry (w)
Total ...................................................................................................... 18 hours
Some courses may have prerequisites. See course description for details.
**MINOR: CRIMINALISTICS**

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSC115 Introduction to Forensic Science</td>
<td>3</td>
</tr>
<tr>
<td>ENF239 Applied Criminal Investigation &amp; Criminalistics</td>
<td>3</td>
</tr>
<tr>
<td>ENF320 Advanced Criminalistics</td>
<td>3</td>
</tr>
<tr>
<td>CDS391 Survey of Computer Forensics</td>
<td>3</td>
</tr>
<tr>
<td>ENF460 Evidence Processing</td>
<td>3</td>
</tr>
</tbody>
</table>

Total: 15 hours

Some courses may have prerequisites. See course description for details.

**MINOR: CYBER DEFENSE**

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CDS152 Introduction to Cyber Defense</td>
<td>3</td>
</tr>
<tr>
<td>CDS335 Penetration Testing and Vulnerability Analysis</td>
<td>3</td>
</tr>
<tr>
<td>CDS344 Information Security</td>
<td>3</td>
</tr>
<tr>
<td>CDS345 Cyber Law and Ethics</td>
<td>3</td>
</tr>
<tr>
<td>CDS356 Malware Analysis</td>
<td>3</td>
</tr>
<tr>
<td>CDS445 Cyber Warfare</td>
<td>3</td>
</tr>
</tbody>
</table>

Total: 18 hours

Some courses may have prerequisites. See course description for details.

**MINOR: DIGITAL FORENSICS**

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CDS 152 Introduction to Cyber Defense</td>
<td>3</td>
</tr>
<tr>
<td>CDS 341 Survey of Digital Forensics</td>
<td>3</td>
</tr>
<tr>
<td>CDS 390 Special Topics</td>
<td>3</td>
</tr>
<tr>
<td>CDS 345 Cyber Law and Ethics</td>
<td>3</td>
</tr>
<tr>
<td>CDS 348 Incident Management</td>
<td>3</td>
</tr>
<tr>
<td>CDS 435 Advanced Digital Forensics</td>
<td>3</td>
</tr>
</tbody>
</table>

Total: 18 hours

Some courses may have prerequisites. See course description for details.

**MINOR: DIGITAL INNOVATION AND DESIGN**

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART120 Two-Dimensional Foundations</td>
<td>3</td>
</tr>
<tr>
<td>ART325 Graphic Design</td>
<td>3</td>
</tr>
<tr>
<td>COM134 Digital Photography</td>
<td>3</td>
</tr>
<tr>
<td>CIS201 Programming</td>
<td>3</td>
</tr>
<tr>
<td>CIS253 Internet and Website Development</td>
<td>3</td>
</tr>
<tr>
<td>CIS412 IT Project Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Total: 18 hours

Some courses may have prerequisites. See course description for details.

**MINOR: ENGLISH**

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG223 Advanced Grammar</td>
<td>3</td>
</tr>
<tr>
<td>ENG 200 level elective</td>
<td>3</td>
</tr>
<tr>
<td>One of the following</td>
<td>3</td>
</tr>
<tr>
<td>CUL443 Comparative Mythology (w)</td>
<td></td>
</tr>
<tr>
<td>CUL448 Women and Literature (w)</td>
<td></td>
</tr>
<tr>
<td>Three ENG Literature electives at the 300-400 level (w)</td>
<td>9</td>
</tr>
</tbody>
</table>

Total: 18 hours

Some courses may have prerequisites. See course description for details.

**MINOR: EQUINE BUSINESS MANAGEMENT**

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EQM237 Equine Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>EQM412 Management of the Equine Environment</td>
<td>3</td>
</tr>
<tr>
<td>MGT201 Management of Organizations</td>
<td>3</td>
</tr>
<tr>
<td>MGT 399 Small Business Management</td>
<td>3</td>
</tr>
<tr>
<td>SRM360 Business of Sport (w)</td>
<td>3</td>
</tr>
</tbody>
</table>

Total: 15 hours

Some courses may have prerequisites. See course description for details.

**MINOR: EXERCISE SCIENCE**

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAT146 Introduction to Exercise Science</td>
<td>3</td>
</tr>
<tr>
<td>NAT150 Intro to Anatomy &amp; Physiology +</td>
<td></td>
</tr>
<tr>
<td>NAT150L Intro to Anatomy &amp; Physiology Lab</td>
<td>4</td>
</tr>
<tr>
<td>NAT342 Exercise Assessment &amp; Prescription +</td>
<td></td>
</tr>
<tr>
<td>NAT342L Exercise Assessment &amp; Prescription Lab</td>
<td>4</td>
</tr>
<tr>
<td>NAT422 Exercise Physiology + NAT422L Exercise Physiology Lab</td>
<td>4</td>
</tr>
<tr>
<td>One of the following</td>
<td>3</td>
</tr>
<tr>
<td>NAT315 Biomechanics</td>
<td></td>
</tr>
<tr>
<td>NAT322 Kinesiology</td>
<td></td>
</tr>
<tr>
<td>One of the following</td>
<td>3</td>
</tr>
<tr>
<td>NAT225 Motor Development</td>
<td></td>
</tr>
<tr>
<td>NAT260 Lifetime Fitness and Wellness</td>
<td></td>
</tr>
<tr>
<td>NAT316 Nutrition for Sports and Exercise</td>
<td></td>
</tr>
</tbody>
</table>

Total: 21 hours

Some courses may have prerequisites. See course description for details.

**MINOR: FINANCE**

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO322 Intermediate Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECO420 Money and Banking</td>
<td>3</td>
</tr>
<tr>
<td>FIN314 Risk Management and Insurance</td>
<td>3</td>
</tr>
<tr>
<td>FIN421 Investments</td>
<td>3</td>
</tr>
<tr>
<td>FIN426 International Finance</td>
<td>3</td>
</tr>
</tbody>
</table>

Total: 15 hours

Some courses may have prerequisites. See course description for details.

**MINOR: FORENSIC ACCOUNTING**

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>JUS110 Introduction to Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>JUS201 Criminal Law</td>
<td>3</td>
</tr>
<tr>
<td>JUS202 Criminal Procedures</td>
<td>3</td>
</tr>
<tr>
<td>ACC405 Fraud Examination in Accounting</td>
<td>3</td>
</tr>
<tr>
<td>LAW406 Fraud Prevention</td>
<td>3</td>
</tr>
</tbody>
</table>

Total: 15 hours

* Non-accounting majors may take this minor, but must also take ACC201 Survey of Accounting, ACC210 Analysis of the Accounting Process, and ACC403 Accounting Information Systems in addition to the courses listed above. Begin this minor in Sophomore year.

Some courses may have prerequisites. See course description for details.
MINOR: FORENSIC SCIENCE

CHM131 General Chemistry I and CHM131L Lab ........................................... 4 hours
CHM132 General Chemistry II and CHM132L Lab ........................................ 4 hours
CHM331 Organic Chemistry and CHM331L Lab ........................................ 4 hours
CHM381 Quantitative Analysis and CHM381L Lab ................................... 4 hours
CHM481 Instrumental Analysis and CHM481L Lab ................................ 4 hours
ENF460 Evidence Processing (w) ............................................................. 4 hours
Total ........................................................................................................ 24 hours

Some courses may have prerequisites. See course description for details.

MINOR: GOVERNMENT

POL101 Introduction to the American Political Process ............................... 3 hours
POL205 The Presidency (w) ....................................................................... 3 hours
POL206 Congress ..................................................................................... 3 hours
POL207 The Courts ................................................................................ 3 hours
POL311 Federalism .................................................................................. 3 hours
POL Elective ............................................................................................ 3 hours
Total ........................................................................................................ 18 hours

Some courses may have prerequisites. See course description for details.

MINOR: FORENSIC PSYCHOLOGY

FOR105 Victimology .................................................................................. 3 hours
FOR344 Psychology of Violence and Aggression (w) ............................ 3 hours
FOR460 Psychology and Law (w) .......................................................... 3 hours
PSY362 Abnormal Behavior ..................................................................... 3 hours
Two of the following: ............................................................................. 6 hours
FOR365 Drugs and Society
FOR430 Crisis Intervention Strategies
PSY269 Human Sexuality
SCS300 Research Design (w)
SOC250 Social Psychology

Total ........................................................................................................ 18 hours

Some courses may have prerequisites. See course description for details.

MINOR: HOMELAND SECURITY

ENF154 Homeland Security Overview .................................................. 3 hours
ENF212 Concepts of Terrorism ............................................................... 3 hours
ENF240 Critical Infrastructure Protection .............................................. 3 hours
ENF245 Emergency Organization & Management ............................. 3 hours
JUS215 Homeland Security & Legal System ....................................... 3 hours
One of the following: ............................................................................ 3 hours
POL311 Federalism
ENF441 Counterintelligence/Counter-Terrorism

Total .......................................................................................................... 18 hours

Some courses may have prerequisites. See course description for details.

MINOR: HOSPITALITY AND TOURISM MANAGEMENT

HOS104 Introduction to the Hospitality and Tourism Industry ............... 3 hours
HOS215 Food Service and Safety Management ...................................... 3 hours
HOS280 Hospitality Facilities Management .......................................... 3 hours
HOS330 Hospitality and Tourism Strategic Management .................... 3 hours
MKT364 Event Marketing and Management ......................................... 3 hours

Total .......................................................................................................... 15 hours

Some courses may have prerequisites. See course description for details.

MINOR: HUMAN RESOURCE MANAGEMENT

LAW321 Employment and Labor Law ................................................... 3 hours
MGT317 Human Resource Management .............................................. 3 hours
MGT351 Managing Diversity in the Workplace (w) .............................. 3 hours
MGT443 Strategic Human Resources and Emerging Issues ................ 3 hours
One from the following: ...................................................................... 3 hours
MGT318 Total Compensation
MGT320 Human Resource Risk Management
MGT402 Training and Development

Total ........................................................................................................ 15 hours

Some courses may have prerequisites. See course description for details.
### MINOR: HUMAN SERVICES

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM310 Human, Interpersonal &amp; Small Group Communication</td>
<td>3</td>
</tr>
<tr>
<td>PSY201 Introduction to Professional Practices (w)</td>
<td>3</td>
</tr>
<tr>
<td>PSY265 Human Development</td>
<td>3</td>
</tr>
<tr>
<td>PSY360 Introduction to Counseling</td>
<td>3</td>
</tr>
<tr>
<td>Two of the following:</td>
<td>6</td>
</tr>
<tr>
<td>FOR365 Drugs and Society</td>
<td></td>
</tr>
<tr>
<td>FOR485 Death and Dying</td>
<td></td>
</tr>
<tr>
<td>PSY362 Abnormal Behavior</td>
<td></td>
</tr>
<tr>
<td>PSY269 Human Sexuality</td>
<td></td>
</tr>
<tr>
<td>SOC250 Social Psychology</td>
<td></td>
</tr>
<tr>
<td>SOC320 Community Sociology</td>
<td></td>
</tr>
<tr>
<td>SOC361 Sociology of Gender</td>
<td></td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>18</strong></td>
</tr>
</tbody>
</table>

Some courses may have prerequisites. See course description for details.

### MINOR: INDIVIDUALIZED STUDIES (SPECIFY DISCIPLINE)

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 courses in specified discipline concentration 200 level</td>
<td>9</td>
</tr>
<tr>
<td>3 courses in specified discipline concentration 300-400</td>
<td>9</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>18</strong></td>
</tr>
</tbody>
</table>

The choice of discipline and courses must be approved by the Faculty Advisor and the Dean of the school in which it is housed.

Some courses may have prerequisites. See course description for details.

### MINOR: INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGT301 Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MGT351 Managing Diversity in the Workplace (w)</td>
<td>3</td>
</tr>
<tr>
<td>PSY320 Motivational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY325 Introduction to Industrial/Organizational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Two of the following:</td>
<td>6</td>
</tr>
<tr>
<td>COM441 Organizational Communication</td>
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</tr>
<tr>
<td>SOC250 Social Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY443 Psychometrics (w)</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>18</strong></td>
</tr>
</tbody>
</table>

Some courses may have prerequisites. See course description for details.

### MINOR: INTELLIGENCE STUDIES

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>POL151 Introduction to National Security</td>
<td>3</td>
</tr>
<tr>
<td>POL225 Introduction to Intelligence Studies</td>
<td>3</td>
</tr>
<tr>
<td>POL425 Intelligence Analysis</td>
<td>3</td>
</tr>
<tr>
<td>POL341 Covert Action &amp; Intelligence</td>
<td>3</td>
</tr>
<tr>
<td>ENF441 Counterintelligence/Counter-Terrorism</td>
<td>3</td>
</tr>
<tr>
<td>One of the following:</td>
<td></td>
</tr>
<tr>
<td>CDS152 Introduction to Cyber Defense</td>
<td></td>
</tr>
<tr>
<td>CDS344 Information Security</td>
<td></td>
</tr>
<tr>
<td>JUS215 Homeland Security &amp; The Legal System</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>18</strong></td>
</tr>
</tbody>
</table>

Some courses may have prerequisites. See course description for details.

### MINOR: INTERNATIONAL BUSINESS

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO424 Global Trade</td>
<td>3</td>
</tr>
<tr>
<td>FIN426 International Finance</td>
<td>3</td>
</tr>
<tr>
<td>MGT351 Managing Diversity in the Workplace (w)</td>
<td>3</td>
</tr>
<tr>
<td>MGT411 International Management</td>
<td>3</td>
</tr>
<tr>
<td>MKT404 Global Marketing</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

Some courses may have prerequisites. See course description for details.

### MINOR: JOURNALISM

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM134 Digital Photography</td>
<td>3</td>
</tr>
<tr>
<td>COM218 News Writing (w)</td>
<td>3</td>
</tr>
<tr>
<td>COM241 Introduction to Mass Communication</td>
<td>3</td>
</tr>
<tr>
<td>COM318 Feature Writing (w)</td>
<td>3</td>
</tr>
<tr>
<td>COM320 Argumentation/Persuasion Theory and Practice</td>
<td>3</td>
</tr>
<tr>
<td>COM340 Law and Communications</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>18</strong></td>
</tr>
</tbody>
</table>

Some courses may have prerequisites. See course description for details.

### MINOR: LATIN AMERICAN STUDIES

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA101 Elementary Spanish I</td>
<td>3</td>
</tr>
<tr>
<td>SPA102 Elementary Spanish II</td>
<td>3</td>
</tr>
<tr>
<td>SPA201 Intermediate Spanish</td>
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<tr>
<td>SPA202 Advanced Spanish Literature: The Novel</td>
<td>3</td>
</tr>
<tr>
<td>CUL441 Latin American Culture</td>
<td>3</td>
</tr>
<tr>
<td>HIS341 History of Latin America</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>18</strong></td>
</tr>
</tbody>
</table>

Some courses may have prerequisites. See course description for details.
MINOR: LAW ENFORCEMENT

CD334 Technology and Crime .................................................. 3 hours
ENF150 Police and Society ....................................................... 3 hours
ENF239 Applied Criminal Investigation and Criminalistics ........... 3 hours
ENF293 Criminology (w) .......................................................... 3 hours
ENF400 Comparative Criminal Justice Systems ....................... 3 hours
ENF450 Crime Analysis ......................................................... 3 hours
Total ...................................................................................... 18 hours
Some courses may have prerequisites. See course description for details.

MINOR: LEADERSHIP STUDIES

SCS220 Introduction to Leadership .......................................... 3 hours
SCS440 Theory and Application of Leadership ......................... 3 hours
One of the following: .............................................................. 3 hours
   COM310 Human, Interpersonal, Small Group Communication
   COM324 Communicating Across Cultures (w)
   COM341 Political Communication (w)
One of the following: .............................................................. 3 hours
   COR420 Agency Management
   MGT301 Organizational Behavior
   MGT317 Human Resource Management
   MGT351 Managing Diversity in the Workplace (w)
One of the following: .............................................................. 3 hours
   POL205 The Presidency (w)
   SOC250 Social Psychology
   SOC320 Community Sociology
   SOC380 Social Movements and Ideologies
One of the following: .............................................................. 3 hours
   JUS361 Ethical Issues in Criminal Justice
   PHI215 Ethics
Total ...................................................................................... 18 hours
Some courses may have prerequisites. See course description for details.

MINOR: MANAGEMENT

MGT301 Organizational Behavior ............................................. 3 hours
MGT317 Human Resource Management ................................... 3 hours
MGT351 Managing Diversity in the Workplace (w) ................... 3 hours
MGT404 Organization Theory .................................................. 3 hours
One of the following: .............................................................. 3 hours
   CIS312 Information Systems for Managers (w)
   MGT221 Supply Chain Management
   MGT359 Small Business Management
   MGT391 International Management
   MGT390 Special Topics
Total ...................................................................................... 15 hours
Some courses may have prerequisites. See course description for details.

MINOR: MARKETING

MKT252 Buyer Behavior ......................................................... 3 hours
MKT253 Marketing Communications ....................................... 3 hours
MKT354 Personal Selling ......................................................... 3 hours
MKT402 Marketing Research (w) ............................................. 3 hours
MKT404 Global Marketing ....................................................... 3 hours
Total ...................................................................................... 15 hours
Some courses may have prerequisites. See course description for details.

MINOR: MATHEMATICS

MAT285 Calculus II ................................................................. 5 hours
MAT387 Differential Equations ................................................ 3 hours
MAT396 Linear Algebra .......................................................... 3 hours
MAT385 Calculus III ............................................................... 5 hours
One MAT Elective (300-400 level) .......................................... 3 hours
Total ...................................................................................... 19 hours
Some courses may have prerequisites. See course description for details.
MINOR: MUSIC
MUP121 Musicianship I ................................................................. 3 hours
MUP221 Musicianship II .............................................................. 3 hours
MUS115, 116, 215 or MUS117, 118, 217 Private Instruction .......... 3 hours
Two of the following: ............................................................... 6 hours
MUS110, 210, 310 or MUS112, 212, 312 Ensembles
MUS324 Survey of American Popular Music (w)
MUS327 Survey of Music Business
MUS230 Introduction to Sound & Recording
MUP240 The Rhythm Section
MUP321 Musicianship III
MUP351 Music Listening and Analysis I
MUP352 Music Listening and Analysis II
MUP440 Teaching Music
Total ....................................................................................... 15 hours
Some courses may have prerequisites. See course description for details.

MINOR: PSYCHOLOGY
PSY201 Introduction to Professional Practices (w) ......................... 3 hours
One of the following: ................................................................. 3 hours
PSY265 Human Development
SOC250 Social Psychology
Three PSY electives at the 300-400 level ..................................... 9 hours
PSY elective ............................................................................. 3 hours
Total ....................................................................................... 18 hours
Some courses may have prerequisites. See course description for details.

MINOR: PUBLIC RELATIONS
COM134 Digital Photography ..................................................... 3 hours
COM212 Introduction to Public Relations (w) .............................. 3 hours
COM218 News Writing (w) ......................................................... 3 hours
COM241 Introduction to Mass Communication ......................... 3 hours
COM320 Argumentation/Persuasion Theory and Practice ........... 3 hours
COM416 Public Relations Cases, Campaigns and Nonprofits ....... 3 hours
Total ....................................................................................... 18 hours
Some courses may have prerequisites. See course description for details.

MINOR: REGIONAL STUDIES
Foreign Language I ................................................................. 3 hours
Foreign Language II ............................................................... 3 hours
Advanced Foreign Language I .................................................. 3 hours
Advanced Foreign Language II .................................................. 3 hours
Two courses in related Culture or History courses 200-400 level .... 6 hours
Total ....................................................................................... 18 hours
The choice of minor must be approved by the Dean of Arts and Sciences. It is recommended that students spend at least one semester or summer at an appropriate foreign study sight approved by the Study Abroad Coordinator or Dean of Arts and Sciences.

MINOR: SOCIOLOGY
SOC250 Social Psychology ....................................................... 3 hours
SOC360 Multicultural Issues in Society (w) ................................. 3 hours
Two SOC electives at the 300-400 level ..................................... 6 hours
Two SOC electives ................................................................... 6 hours
Total ....................................................................................... 18 hours
Some courses may have prerequisites. See course description for details.

MINOR: SPORT AND RECREATION MANAGEMENT
LAW260 Legal Issues in Sports & Recreation .............................. 3 hours
SRM160 Introduction to Sport & Recreation Management .......... 3 hours
SRM360 Business of Sports (w) .................................................. 3 hours
Two of the following: ............................................................... 6 hours
NAT260 Lifetime Fitness and Wellness
SRM235 Sports Marketing & Promotions
SRM291 Recreation and Sport Program Administration
SRM325 Facility Design and Management
Total ....................................................................................... 15 hours
Some courses may have prerequisites. See course description for details.

MINOR: SPORTS WRITING AND PROMOTION
COM212 Introduction to Public Relations (w) .............................. 3 hours
COM241 Introduction to Mass Communication ......................... 3 hours
COM320 Argumentation/Persuasion Theory and Practice ........... 3 hours
COM416 Public Relations Cases, Campaigns and Nonprofits ....... 3 hours
SRM160 Introduction to Sport and Recreation Management .......... 3 hours
SRM235 Sports Marketing & Promotions ................................... 3 hours
Total ....................................................................................... 18 hours
Some courses may have prerequisites. See course description for details.
MINOR: THEATRE

ENG350 History of Dramatic Literature (w) ........................................... 3 hours
ENG380 Shakespeare (w) ........................................................................ 3 hours
THR222 Introduction to Theatre ............................................................... 3 hours
THR250 The Art of Acting ....................................................................... 3 hours
THR261 Elements of Theatre ................................................................. 3 hours
Total .................................................................................................... 15 hours

Some courses may have prerequisites. See course description for details.

MINOR: TERRORISM STUDIES

POL201 Political Geography ................................................................. 3 hours
ENF212 Concepts of Terrorism ............................................................... 3 hours
ENF293 Criminology ............................................................................ 3 hours
PSY344 Psychology of Terrorism .......................................................... 3 hours
ENF441 Counterintelligence/Counter-Terrorism .................................. 3 hours
One of the following: ........................................................................... 3 hours
  CUL210 Comparative Cultures
  SOC360 Multicultural Issues in Society
Total .................................................................................................... 18 hours

Some courses may have prerequisites. See course description for details.

BACHELOR-LEVEL CERTIFICATES

TRANSFER OF CREDIT FROM OTHER INSTITUTIONS FOR BACHELOR LEVEL CERTIFICATES

Bachelor level credits earned at a regionally-accredited college or university may be transferred and applied toward a student’s degree requirements at Tiffin University for a Bachelor level certificate program. To transfer course credit, the student must have earned a grade of a ‘C’ or better and the course must be equivalent to the same course offered at Tiffin University. The student must submit course descriptions and/or syllabi for any course they would like to have considered for transfer credit. The Registrar’s Office will determine the suitability of the course for transfer credit. A maximum of one-third of the required credit hours for a Bachelor level certificate can be transfer credits.

CERTIFICATE: ADDICTIONS COUNSELING (CSL)

CSL310 Introduction to Addiction Theory and Practice ................. 3 hours
CSL320 Counseling Procedures & Strategies with Addicted/Disordered .................................................. 3 hours
CSL425 Group Process & Techniques Working with Addicted/Disordered .................................................. 3 hours
CSL435 Assessment & Diagnosis of Addictive and Behavioral Health Problems ........................................... 3 hours
CSL440 Prevention, Intervention, and Treatment Planning in Addictions ..................................................... 3 hours
CSL445 Theory & Practice of Relationship Counseling in Addictions/Behavioral ........................................ 3 hours
Total .................................................................................................... 18 hours

Some courses may have prerequisites. See course description for details.

CERTIFICATE: ARABIC STUDIES

ARB101 Elementary Modern Standard Arabic I ................................ 3 hours
ARB102 Elementary Modern Standard Arabic II ................................ 3 hours
ARB201 Intermediate Modern Standard Arabic I ............................... 3 hours
ARB202 Intermediate Modern Standard Arabic II ............................... 3 hours
CUL312 Middle Eastern Culture ............................................................ 3 hours
HIS312 History of the Middle East (w) ................................................. 3 hours
Total .................................................................................................... 18 hours

Some courses may have prerequisites. See course description for details.

CERTIFICATE: LATIN AMERICAN STUDIES

SPA101 Elementary Spanish I ............................................................... 3 hours
SPA102 Elementary Spanish II ............................................................ 3 hours
SPA201 Intermediate Spanish .............................................................. 3 hours
SPA202 Advanced Spanish Literature: The Novel .............................. 3 hours
CUL441 Latin American Culture .......................................................... 3 hours
HIS341 History of Latin America ........................................................ 3 hours
Total .................................................................................................... 18 hours

Some courses may have prerequisites. See course description for details.
Undergraduate Course Descriptions

The University reserves the right to add, delete, or modify the course offerings in the schedules, based on curricular demands, enrollment, or student and institutional needs.

**FOUNDATION COURSES**

*Foundation courses meet eligibility for financial aid, but do not fulfill graduation requirements. Students required to take these courses may need to attend an additional semester to meet graduation requirements.

**CRS090**
Introduction to College Reading Skills* (3 cr. hours)
This course does not count for credit toward graduation. Students must pass with a 'C' or better and will be allowed to attempt to pass this class two times. 
Offered Fall, Spring
Development of skills that are integral to the reading process will be practiced, with particular emphasis on building contextual vocabulary. Other reading skill related topics include recognizing main ideas and important supporting details, drawing literal and inferential conclusions, and identifying patterns of organization.

**ENG090**
Introduction to College Reading and Writing * (3 cr. hours)
Prerequisite: Placement based upon University assessment. This course does not count for credit toward graduation. Students must pass with a 'C' or better and will be allowed to attempt to pass this class two times. 
Offered Fall, Spring
This course will provide an in-depth introduction to college writing integrated with college reading, college life, college realities, college expectations, study skills and time management.

**ENG095**
Fundamentals of College Writing* (3 cr. hours)
Prerequisite: ENG090, or placement based on university assessment. Students who have earned credit in ENG141 or ENG142 may not earn credit in ENG095. This course does not count toward graduation. Students must pass with a 'C' or better and will be allowed to attempt to pass this class two times. 
Offered Fall, Spring
This course emphasizes the structure, development, and writing of sentences and paragraphs and introduces college-level essay writing. In addition, this course includes a thorough review of the basic and advanced rules of grammar, sentence structure, and diction.

**MAT090**
Foundations of College Mathematics* (3 cr. hours)
This course does not count for credit toward graduation. Students must pass with a 'C' or better and will be allowed to attempt to pass this class two times. Individuals who have earned credit in MAT095 or higher level mathematics may not earn credit in MAT090. 
Offered Fall, Spring
An algebraic foundation course covering algebraic expressions, solving linear equations, graphing in the Cartesian plane, and solving algebraic applications.

**MAT095**
College Mathematics* (3 cr. hours)
Prerequisite: MAT090 (C or better) or placement. This course does not count for credit toward graduation. Students must pass with a 'C' or better and will be allowed to attempt to pass this class two times. 
Offered Fall, Spring
An applied approach to traditional algebra topics including linear equations and inequalities, systems of linear equations, polynomials, factoring, rational expressions, and radical expressions. Emphasis will be placed on application problems.

**FIRST-YEAR STUDIES (FYS)**

**FYS100**
First-Year Seminar (1 or 3 cr. hours)
Offered Fall, Spring
The purpose of this course is to help each new student make a successful transition to Tiffin University by building social connections and improving academic preparedness. To this end, the course aims to foster a sense of belongingness, promote engagement in the life of the University, encourage self-responsibility, and articulate to students the expectations and values of the University. The course also seeks to help students develop essential study skills, understand University resources, and explore potential majors and careers.

**EXP101**
Exploring Your Future (1 cr. hour)
Prerequisite: FYS100
Offered Spring
This course is designed to assist students who are undecided on their major or who are exploring their career options. The course seeks to identify how knowledge, skills, and values are matched to major and career choices. It will expand the student's knowledge of major, occupational, and career opportunities and to find the career path that is the best fit. This is a graded course.
**ACC: ACCOUNTING**

**ACC190, ACC290, ACC390, ACC490**

Special Topics (3 cr. hours)

**Prerequisite:** None, unless listed in the schedule of courses

Topics will vary. May or may not be writing intensive.

**ACC201**

Survey of Accounting (3 cr. hours)

**Prerequisite:** MAT174/181/251/275/281

**Offered Fall, Spring**

An introduction to the fundamentals of accounting from the user's perspective. The primary emphasis is the relationship between cash flow and accrual based income measurement. Includes financial reporting requirements and standards.

**ACC210**

Analysis of the Accounting Process (3 cr. hours)

**Prerequisite:** ACC201 ('C' or better); Must pass this course with a ‘C’ or better to enroll in ACC301.

**Offered Fall, Spring**

This course is designed to develop the student's ability to analyze and record accounting transactions, prepare financial statements, and analyze accounting information for decision-making.

**ACC228**

Managerial Accounting (3 cr. hours)

**Prerequisite:** ACC201

**Offered Fall, Spring**

This course is designed to provide information to the management student who will be charged with directing and controlling operations from within the organization. Emphasis is placed on corporation reports, statements, schedules, and summaries prepared for the use of management.

**ACC301**

Intermediate Accounting I (3 cr. hours)

**Prerequisite:** ACC210 ('C' or better); Must pass this course with a ‘C’ or better to enroll in ACC302.

**Offered Fall**

Intermediate Accounting is a study of financial accounting theory in relation to reporting practices. Emphasis is on generally accepted accounting principles as promulgated by official accounting boards (i.e. FASB). Intermediate Accounting I includes the role of accounting as an information system and economic resources.

**ACC302**

Intermediate Accounting II (3 cr. hours)

**Prerequisite:** ACC301 ('C' or better)

**Offered Spring**

Intermediate Accounting is a study of financial accounting theory in relation to reporting practices. Emphasis is on generally accepted accounting principles as promulgated by official accounting boards (i.e. FASB). Intermediate Accounting II includes financial instruments and additional topics.

**ACC304 (w)**

Federal Income Tax (3 cr. hours)

**Prerequisite:** ACC210, this is a writing intensive course.

**Offered Spring**

Determination of taxable and nontaxable income, deductions, and tax liability for individuals and corporations. Includes background and objectives of the federal tax system. This is a writing intensive course.

**ACC313**

Cost Accounting I (3 cr. hours)

**Prerequisite:** ACC228

**Offered Fall**

A comprehensive study of the cost accounting cycle. Includes job order costing techniques and procedures.

**ACC314**

Cost Accounting II (3 cr. hours)

**Prerequisite:** ACC313 ('C' or better)

**Offered Spring**

Continuation of ACC313. Emphasis is on process and standard costing techniques. Includes cost control and management decision concepts.

**ACC403**

Accounting Information Systems (3 cr. hours)

**Prerequisites:** ACC210, CIS111, Junior standing

**Offered Fall**

This course lays a foundation for understanding accounting user support, information technology, and business problem solving. The emphasis of this course is the interrelationship between different facets of an accounting information system. A detailed study of both a manual system and a computerized system is included.
ACC: ACCOUNTING (continued)

ACC404
Auditing (3 cr. hours)
Prerequisite: ACC403
Offered Spring
Presents a basic overall framework of auditing and assurance services including both conceptual and procedural matters. Discusses ethical concepts of the accounting profession.

ACC405
Fraud Examination in Accounting (3 cr. hours)
Prerequisite: ACC403 or concurrent
Offered Fall
Covered in this course are the nature of fraud, and general concepts about fraud detection and prevention. Investigative methods cover several elements of fraud: the theft act, the concealment of fraud, and the conversion of assets taken. Various types of fraud studied include financial statement (management) fraud, fraud against the organization, and consumer fraud.

ACC470
Internship (3 cr. hours)
Prerequisite: Junior standing and permission of School Dean or Designee
Provides the student with on-the-job experience in varied aspects of accounting. Hours and work assignments will be arranged on an individual basis.

ACC491
Accounting Research Project (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisite: ACC majors only; Senior standing and permission of School Dean or Designee
The Accounting Research Project is a challenging part of the Accounting Major. It is demanding, but when it is finished, it will have a pattern of research that can be used for an individual’s entire professional career. The Research Project spans the complete curriculum. The Accounting Research Project involves the learner in choosing a problem to solve, thoroughly researching it, designing a specific plan of action, and writing an extended report. The Accounting Research Project will focus many of the new skills that have been learned from course work in this major. The project includes the practical application of the learning thus far achieved by the students. There is extensive brainstorming, giving and receiving feedback, and cooperative support from classmates. The project will require analysis and resourcefulness. This project is a complex and rewarding part of the learning experience.

ARB: ARABIC

No 100 or 200 level language class may be used to satisfy the General Education CUL (culture) requirement.

ARB101
Elementary Modern Standard Arabic I (3 cr. hours)
There will be a lab fee associated with this course.
Offered Fall
This course is the first of a two-term sequence in elementary Arabic. It begins with an introduction to the phonology and script of Modern Standard Arabic. During this initial phase, the student is also introduced to common greetings, expressions, and simple phrases. This is followed by combined listening, speaking, reading, and writing exercises supported by simple texts, audio recordings, and interactive communicative drills involving instructor-student, student-student, and group interactions. These tasks complement the introduction of elementary grammatical features. Cultural skills, required for effective communication, are developed through short texts and dialogues.

ARB102
Elementary Modern Standard Arabic II (3 cr. hours)
Prerequisite: ARB101; There will be a lab fee associated with this course.
Offered Spring
This course builds upon those skills developed in ARB101. Having learned sound and script and basic grammatical features, this course continues to develop the student’s vocabulary and understanding of fundamental grammatical structures through situational exercises. Learning is supported by texts, audio recordings, and interactive communicative exchanges with other students and the instructor. As the student’s comprehension develops the language of instruction and interaction in the classroom incrementally shifts to Arabic. Basic texts and audio recordings further enhance cultural understanding and awareness in communication.

ARB201
Intermediate Modern Standard Arabic I (3 cr. hours)
Prerequisite: ARB102; There will be a lab fee associated with this course.
Offered Fall
This course continues the process of acquiring proficiency in the language. It presents more complex structures of Arabic to enable students to analyze and comprehend authentic texts and audio recordings. Listening, speaking, and writing skills are developed through texts, audio, and practice focused on previous and newly introduced vocabulary and grammatical structures. Students are assigned extra reading and listening assignments to be completed with the aid of the dictionary. Whenever feasible, Arabic is the language of instruction and interaction in the classroom. Students are required to integrate cultural understanding and expression into communicative exchanges.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Offered</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART201 (w)</td>
<td>Introduction to Art History (3 cr. hours)</td>
<td>3</td>
<td>Art History; ENG142, this is a writing intensive course.</td>
<td>Fall, Spring</td>
<td>This course is an introduction to the history of art and covers works from the Prehistoric through the Modern Period. Painting, sculpture, architecture and design, as well as contemporary works that cross various disciplines, will be explored within the context of the world and how art defines societies and cultures. Students will learn to describe and analyze various artistic periods, styles, and movements that have influenced contemporary art and culture. Emphasis will be placed on analyzing and interpreting works of art using established guidelines and terminology. This is a writing intensive course.</td>
</tr>
<tr>
<td>ART210</td>
<td>Art Appreciation (3 cr. hours)</td>
<td>3</td>
<td>ART201, There will be a lab fee associated with this course.</td>
<td>Fall, Spring</td>
<td>This art course introduces the non-art major to the fundamentals of art, the Formal Elements and Principles of the visual and plastic arts. It will provide the student with the opportunity through experiential learning to explore methods, materials and processes used in the creation of visual art. The student will further develop critical thinking skills, individual problem solving and group problem solving.</td>
</tr>
<tr>
<td>ART325</td>
<td>Graphic Design (3 cr. hours)</td>
<td>3</td>
<td>ART201, There will be a lab fee associated with this course.</td>
<td>Fall, Spring</td>
<td>This course will investigate the mechanics of visual perception using digital design tools. Focus will be on the formal properties of design including space, line, plane, mass, shape, texture, and color; and the organizational fundamentals of unity, balance, rhythm, and movement. Students will prepare and produce a series of digital design projects that are relevant to professional practices. Emphasis will be given to the principles of planning and visual thinking needed to communicate ideas. Problem solving on an individual and group level will be stressed.</td>
</tr>
<tr>
<td>ART340 (w)</td>
<td>Topics in Art History (3 cr. hours)</td>
<td>3</td>
<td>Art History; ENG142 earning a ‘C’ or better; this is a writing intensive course.</td>
<td>Fall, Spring</td>
<td>Students in this course engage in an in-depth study a specific topic, time period or genre of art history. Topics may include the history of photography, Modern art, American art, or others as determined by the instructor, and will rotate each time the course is offered. Emphasis will be placed on exploring different art historical methodologies, as well as understanding the importance and impact of the course theme on the study of art history as a whole. This is a writing intensive course.</td>
</tr>
</tbody>
</table>
ART: ART (continued)

ART391
Independent Study (3 cr. hours)
Prerequisite: MGT 201, and one from ART201, MUS223, or THR222
Offered as needed
Individual directed projects. Requires written approval of the instructor to register for the course.

ART392
Advanced Studio Practice (3 cr. hours)
Prerequisites: One or more from ART101, ART102, ART110, ART120, ART130, COM134, or COM204; this is a writing intensive course.
Offered Spring even numbered years
Students will explore different media and develop their studio art skills. Emphasis will be placed on critiques and creative problem-solving, and on developing a working creative process. Students will also develop a long-term project that will result in a final portfolio.

ART415
Art, Audience and Community (3 cr. hours)
Prerequisites: This course may involve field trips.
Offered Spring odd numbered years
This course is an overview of organizational practices and theory related to audience development in nonprofit arts organizations. Students will examine the different contexts in which we find visual art, including museums, galleries, public art and community-based projects. We will discuss audience participation and the factors determining audience perception, decision-making, and reception of these different art forms. Students will collaborate with the Diane Kidd Gallery during the many phases of an exhibition, including curating, installation, and marketing. The course encourages students to recognize and implement innovative opportunities for reaching target audiences. This course may involve field trips.

ART420
Interactive Digital Design (3 cr. hours)
Prerequisites: ART325, COM134, or by permission of the instructor
Offered Spring even numbered years
This course examines the aesthetic, conceptual, and technical foundations of new media art-making. Students explore the form and space of new media images through a wide variety of materials and media, including creating and editing digital images, audio and video, and embedding multimedia in Web pages. The course emphasizes strategies for idea generation and story-telling on multiple platforms through hands-on production of new media art combined with discussion of its place in contemporary society.

BIO: BIOLOGY

BIO101
Contemporary Biological Problems (3 cr. hours)
Co-requisite: BIO101L
Offered Online only
An introductory course that stresses the principles of biology and pertinent applications to increase appreciation and to demonstrate that biology is a science relevant to everyday life. The following topics will be covered: cells, genetics, evolution, diversity of life, plant and animal structures and functions, and ecology. There is a lab component to this course.

BIO101L
Contemporary Biological Problems Lab (1 cr. hour)
Co-requisite: BIO101; There will be a lab fee associated with this course.
Offered Online only
This is the mandatory lab component of BIO101, an introductory course that stresses the principles of biology and pertinent applications to increase appreciation and to demonstrate that biology is a science relevant to everyday life.

BIO 210
General Biology I (3 cr. hours)
Co-requisite: BIO 210L
Offered Fall
This is the first half of a two-course sequence in intensive biology designed for students majoring in sciences. This course will introduce the principles and concepts of biology. Topics that will be covered in this course will include foundations in biology: chemical context of life; carbon and molecular diversity of life; energy transformations; the cell structure, signaling and metabolism; cell cycle; genetics of inheritance, gene expression, development and evolution; patterns of evolution and the origin of species. There is a lab component to this course.

BIO 210L
General Biology I Lab (1 cr. hour)
Co-requisite: BIO 210; There is a lab fee associated with this course.
Offered Fall
This is the lab part of the first half of a two-course sequence in intensive biology designed for students majoring in sciences. This course will introduce the principles and concepts of biology. Topics that will be covered in this course will include foundations in biology: Application of the scientific method in biology, simple laboratory techniques for quantitative methods, simple cellular functions, energy transformations; the cell structure and cell division; genetics of inheritance; nature of DNA, patterns of evolution and the origin of species.
BIO: BIOLOGY (continued)

BIO 211
General Biology II (3 cr. hours)
Prerequisite: BIO 210 and 210L Co-requisite: BIO 211L
Offered Spring
This course is the second of a two-course sequence designed to give students majoring in the sciences an intensive introduction to the biological sciences and follows BIO 210, Principles of Biology I. Topics that will be covered in this course include taxonomy and the fundamentals of phylogenetic relationships among major groups of living organisms; comparative morphology, anatomy, physiology and reproduction as pertinent to each group; the biological communities and ecosystems, exploring the interactions between organisms and the living and non-living components of their environments and conservation biology. There is a lab component to this course.

BIO211L
General Biology II Lab (1 cr. Hours)
Prerequisite: BIO 210 and 210L Co-requisite: BIO 211; There will be a lab fee associated with this course.
Offered Spring
This is the lab part of the second half of a of a two-course sequence designed to give students majoring in the sciences an intensive introduction to the biological sciences and follows BIO 210, Principles of Biology I and BIO 210 Lab. Topics that will be covered in this course include taxonomy and phylogenetic relationships among major groups of living organisms; comparative morphology, anatomy, physiology and reproduction in plant and animal groups; the biological communities and ecosystems, population growth and conservation biology.

BIO311 (w)
Human Anatomy & Physiology I (3 cr. hours)
Prerequisite: BIO212 and CHM132 Co-requisite: BIO311L; this is a writing intensive course.
Offered Fall
This is an advanced course that will provide an understanding the human anatomy and how the body functions. This is the first part of a two semester course. It covers the anatomy and physiology of the cell, tissues, skeletal, muscular and nervous systems. The course will cover basic anatomical and directional terminology: fundamental concepts and principles of cell biology, histology, the integumentary system, skeletal: bones and skeletal tissues, muscular system: muscle tissue, joints, ligaments, and muscles; and nervous systems: central and peripheral; and special senses. The information will be applied to predict and describe the anatomical and physiological results of disruptions to the normal status of the human body. There is a lab component to this course. This is a writing intensive course.

BIO311L
Human Anatomy & Physiology I Lab (1 cr. hour)
Prerequisite: BIO212 and CHM132 Co-requisite: BIO311
There will be a lab fee associated with this course.
Offered Fall
This course is the lab component of BIO311. It will provide hands-on experience on basic anatomical and directional terminology: fundamental concepts and principles of cell biology, histology, the integumentary system, skeletal: bones and skeletal tissues, muscular system: muscle tissue, joints, ligaments, and muscles; and nervous systems: central and peripheral; and special senses.

BIO312 (w)
Human Anatomy & Physiology II (3 cr. hours)
Prerequisite: BIO311 and BIO311L Co-requisite: BIO312L; this is a writing intensive course.
Offered Spring
This course is a continuation of BIO311 Human Anatomy and Physiology I and BIO311L Human Anatomy and Physiology Lab. This course will cover the endocrine system; the blood; the cardiovascular and respiratory systems; the lymphatic system and lymphoid organs and tissues; the immune system; the digestive system and the urinary system; the reproductive and developmental processes. The course will review the application of these concepts in the identification, diagnosis and treatment of diseased condition and will cover selected topics on clinical case studies. The course will also include a one-hour laboratory.

BIO312L
Human Anatomy & Physiology II Lab (1 cr. hour)
Prerequisite: BIO311 and BIO311L Co-requisite: BIO312. There will be a lab fee associated with this course.
Offered Spring
This course is the lab component of BIO312. It will provide hands-on experience on the endocrine system; the blood; the cardiovascular and respiratory systems; the lymphatic system and lymphoid organs and tissues; the immune system; the digestive system and the urinary system; the reproductive and developmental processes.

BIO333
Genetics (3 cr. hours)
Prerequisites: BIO211 and BIO211L Co-requisite: BIO333L
Offered Fall
This course is an introduction to the concepts of genetics. The course will cover the basic fundamentals of genetics and their applications. It will cover the current principles of heredity including gene structure, function, regulation and gene transfer. Other areas will include DNA technology, genomics, heritable diseases and population genetics, quantitative genetics, and evolutionary genetics. There is a required lab component to this course.
BIO: BIOLOGY (continued)

BIO333L
Genetics Lab (1 cr. hour)
Co-requisite: BIO333; There will be a lab fee associated with this course.
Offered Fall
This laboratory will cover principles of Mendelian inheritance, drosophila genetics and other biotechnology processes applied in the field of genetics. The students will be expected to apply the principle covered in lecture to processes in the lab.

BIO373
Microbiology (3 cr. hours)
Prerequisites: BIO333 Co-requisite: BIO373L
Offered Spring
This is an introductory course that will provide an understanding of the key microbiological concepts including the basic characteristics of microorganisms as well as the relationship between microbes, humans and their environment. The course will review the application of these concepts in the identification, prevention and treatment of infectious diseases and will also cover selected topics on microbial agents with emerging trends in microbiology. Throughout the course both harmful and beneficial aspects of microorganisms will be covered. There is a required lab component to this course.

BIO373L
Microbiology Lab (1 cr. hour)
Co-requisite: BIO373; There will be a lab fee associated with this course.
Offered Spring
This one credit laboratory component will cover basic techniques in microbiology such as methods of staining and the microscopic, colonial and biochemical identification of microorganisms as well as pure culture techniques.

BIO445
Cellular and Molecular Biology (3 cr. hours)
Prerequisites: CHM411, BIO373 Co-requisite: BIO445L
Offered Fall
This course is an introduction to cell and molecular biology, which deals with cells, the fundamental building blocks of life and molecules that make up the cells. The course will include the interaction of these molecules with each other during the life of a cell, and the genetic mechanisms by which the characteristics are passed on from generation to generation will also be explored. Finally, the course will investigate how genes are maintained or change in a population, potentially resulting in the evolution of entirely new types of living organisms. The relationship of biology to everyday life and human society will also be emphasized throughout the course.

BIO445L
Cellular and Molecular Biology Lab (1 cr. hour)
Co-requisite: BIO445; There will be a lab fee associated with this course.
Offered Fall
This course is an introductory course in concepts of cell and molecular biology. It deals with cells, the fundamental building blocks of life and molecules that make up the cells. The course will include the interaction of these molecules with each other during the life of a cell, and the genetic mechanisms by which the characteristics are passed on from generation to generation will also be explored. The purpose of the lab is to familiarize students with the different molecular techniques with emphasis on DNA technologies. These techniques are used to interpret how cells function at molecular level of the gene.

CDS: CYBER DEFENSE

CDS190, CDS290, CDS390, CDS490
Special Topics (3 cr. hours)
Prerequisite: None, unless listed in the schedule of courses
Topics will vary. May or may not be writing Intensive.

CDS152
Introduction to Cyber Defense (3 cr. hours)
Offered Spring
This course will provide a foundational overview of the basics of computer network operations, their vulnerabilities, the various types of automated network intrusions, and some basic defense strategies, including Defense in Depth. Students will become familiar with the differences between major categories of malware, such as viruses, worms, and Trojan horses. The importance of security policy, a trained workforce, and the roles of information technology specialists within organizations will be examined. Rudimentary cryptologic, cryptographic, and Public Key Infrastructure concepts will be introduced.

CDS334
Technology and Crime (3 cr. hours)
Prerequisite: CIS111, JUS110
Offered Fall, Spring
This course is a survey of the use and potential of technology in justice agencies. The use of technology will be examined. Criminological theories related to the cyber-crime typologies will be evaluated.

CDS344
Information Security (3 cr. hours)
Prerequisite: CIS111, CDS152
Offered Spring
This course will introduce information security as an essential component in our war against terrorism. All information must be secure or the probability of winning the war will be diminished. With advances in technology and software, cyber-terrorism has become very real. Computer hackers and terrorists can shut down our nation’s most critical infrastructures. There can be no doubt that cyber-terror can pose a very real threat to this nation’s security. Students will become familiar with the entire arena of information security.
CDS345
Cyber Law and Ethics (3 cr. hours)
Prerequisite: CDS152
Offered Fall
This course will provide an overview of the primary laws and regulations, domestic as well as international, concerning computer network operations, including those affecting computer network defense, computer network exploitation, and computer network attack.

CDS348
Incident Management (3 cr. hours)
Prerequisites: CDS344, CDS345
Offered Spring
This course will train students in methods used to work through and recover from a network incident, be it the result of network failure, natural disaster, or cyber-attack. Course material will include the various Mission Assurance Levels used by major portions of the U.S. Government, as well as how to plan, conduct, and gather lessons-learned from war games where Intentional failures have been planned in as part of the exercise. Finally, the role that damage assessment plays in post-incident response/recovery will be emphasized.

CDS351
Survey of Computer Forensics (3 cr. hours)
Prerequisite: CDS345
Offered Fall
This course will provide the student with an overview of current terms and concepts that form the basis for all computer investigations. A comparative analysis of computer forensics and other criminal forensic sciences will be conducted to provide the student understanding of the forensics field. The student will become familiar with computer hardware, operating systems, programming and networking (including a comprehensive review of Internet protocols and routing). The course will conclude with a review of typical computer crimes and common computer intruder methods.

CDS355
Penetration Testing & Vulnerability Analysis (3 cr. hours)
Prerequisites: CIS201, CDS344
Offered Spring
This course will equip students to evaluate a network to discover potential security vulnerabilities and rectify those issues. Students will learn the most common security mistakes as well as the necessary corrective action, and will be able to probe networks to determine if any of those common vulnerabilities can be exploited. The roles, missions, and appropriate applications of Red Teams and Blue Teams will be discussed.

CDS356 (w)
Malware Analysis (3 cr. hours)
Prerequisites: CDS344 and CIS201; this is a writing intensive course.
Offered Fall
Malware (virus, worms, rootkits, spam, etc.) represents an increasing information security threat to computer systems and networks. Students will review software engineering design fundamentals and reverse engineering techniques used to conduct static and dynamic forensic analysis on computer systems and networks on multiple platforms, such as Windows and Linux. This is a writing intensive course.

CDS345
Advanced Digital Forensics (3 cr. hours)
Prerequisite: CDS351
Offered Fall
This course will discuss advanced digital forensics, evidence, and case preparation. Concepts will include Access Data’s Forensic Tool Kit (FTK). E-Discovery and courtroom testimony will be discussed and demonstrated. Students will learn about the importance of forensic principles, legal considerations, digital evidence controls, and documentation of forensic procedures. This course will incorporate demonstrations and laboratory exercises to reinforce practical applications of course instruction.

CDS445
Cyber Warfare (3 cr. hours)
Prerequisites: CDS355, CDS344, and CDS345
Offered Spring
This course explores the past, current, and future threats of information warfare and cyber terrorism. It provides an overview of information warfare and cyber terrorism techniques and capabilities of state and non-state actors through case study analysis. An exploration of current and future technology and development of information warfare and cyber terrorism techniques is utilized to develop future threat matrices and countermeasures.

CDS491 (w)
Senior Seminar in Cyber Defense (3 cr. hours)
Prerequisites: Senior standing and permission of School Dean or Designee; this is a writing intensive course.
Offered Fall
This course provides a capstone experience in cyber defense. It develops more advanced skills in penetration testing, network vulnerability assessments, and detecting and responding to intrusion. The course utilizes a laboratory setting to enhance learning objectives. This is a writing intensive course.
CHM: CHEMISTRY

CHM131
General Chemistry I (3 cr. hours)
Prerequisite: MAT174/181 Co-requisite: CHM131L
Offered Fall
A first semester course in general chemistry. Topics covered include molecular theory, atomic structure, gasses, aqueous solutions, thermo-chemistry, bonding, and molecular geometry. Lab required.

CHM131L
General Chemistry I Lab (1 cr. hour)
Co-requisite: CHM131; A lab is required for the corresponding course unless a lab was previously completed with a grade of ‘C’ or better. There will be a lab fee associated with this course.

CHM132
General Chemistry II (3 cr. hours)
Prerequisite: CHM131, earning a ‘C’ or better; Co-requisite: CHM132L
Offered Spring
This second semester course includes topics on organic chemistry, solutions, chemical kinetics, equilibrium, acids and bases, redox reactions, electrochemistry, and nuclear chemistry. Lab required.

CHM132L
General Chemistry II Lab (1 cr. hour)
Co-requisite: CHM132; A lab is required for the corresponding course unless a lab was previously completed with a grade of ‘C’ or better. There will be a lab fee associated with this course.

CHM190, CHM290, CHM390, CHM490
Special Topics (3 cr. hours)
Prerequisite: None, unless listed in the schedule of courses.
Topics will vary. May or may not be writing intensive.

CHM245
General Organic and Biological Chemistry (3 cr. hours)
Offered Fall
This course will serve as an introduction into the basic concepts of organic chemistry and how they relate to biological functions. It will serve as the introductory chemistry course requirement for the Bachelor of Exercise Science degree. The student will be expected to learn and apply general chemistry concepts.

CHM331
Organic Chemistry I (3 cr. hours)
Prerequisite: CHM132, earning a ‘C’ or better Co-requisite: CHM331L
Offered Fall
The study of organic chemistry including the structure and nomenclature of organic compounds. Topics will consider both the theoretical and experimental approaches to organic compounds. Lab required.

CHM331L
Organic Chemistry I Lab (1 cr. hour)
Co-requisite: CHM331; A lab is required for the corresponding course unless a lab was previously completed with a grade of ‘C’ or better. There will be a lab fee associated with this course.

CHM332
Organic Chemistry II (3 cr. hours)
Prerequisites: CHM331 Co-requisite: CHM332L
Offered Spring
This second semester course in organic chemistry which includes topics on reaction types, physical properties, stereochemistry and the different methods of analyzing organic compounds. It will serve as the upper level chemistry requirement for the Bachelor of Science Degree and the Forensic Science degree.

CHM332L
Organic Chemistry II Lab (1 cr. hour)
Co-requisite: CHM332; A lab is required for the corresponding course unless a lab was previously completed with a grade of ‘C’ or better. There will be a lab fee associated with this course.

Offered Spring
A one-semester course in organic chemistry Lab The course will serve as a suplemental course to the CHM332 lecture and it will serve as the upper level chemistry requirement for the Bachelor of Science Degree and the Forensic Science degree. Topics include stereochemistry and how it impacts physical and chemical properties, spectroscopy and details about organic chemical reactions. The student will be expected to apply concepts learned during the lecture course.
CHM: CHEMISTRY (continued)

CHM370
Scientific Research Design (3 cr. hours)
Prerequisites: CHM132 and CHM132L
Offered Fall
A one-semester course in Scientific Research Design. The course will serve as a basis for understanding all of the aspects of research and research proposals. This course will serve as the upper level chemistry requirement for the Bachelor of Science Degree and the Forensic Science degree. The student will learn the history of large and small scale research projects, the creativity behind them, how to get them funded and the legal aspects of protecting the novel ideas and approaches that may be developed during the life of the research. Students will learn how to write a research proposal, how to write a patent to protect their idea, and their semester will culminate by presenting their idea to the class and to the legal and investor community.

CHM381
Quantitative Analysis (3 cr. hours)
Prerequisites: CHM132 Co-requisite: CHM381L
Offered Fall
This course will serve as an introduction to the basic concepts of analytical techniques. Students will be expected to apply concepts learned in General Chemistry. The techniques and skills developed in the required lab will be essential for CHM481.

CHM381L
Quantitative Lab (1 cr. hour)
Co-requisite: CHM381; A lab is required for the corresponding course unless a lab was previously completed with a grade of ‘C’ or better. There will be a lab fee associated with this course.
Offered Fall
A one-semester course in quantitative analysis lab. The course will serve as a supplement to the lecture course. The basic concepts of analytical techniques and will serve as the upper level chemistry requirement for the Bachelor of Science Degree, and for the Forensic Science degree. The student will be expected to apply concepts learned in the lecture in the experiments. The lecture will accompany the course and is required. The techniques and skills developed in the laboratory will be essential for CHM 481.

CHM411
Biochemistry (3 cr. hours)
Prerequisites: BIO210, earning a ‘C’ or better, BIO311 with lab, and CHM332; There is no laboratory requirement.
Offered Spring
This course will serve as an introduction into the basic concepts of biochemistry. This includes the study of principal types of biochemical compounds, nature of reactions taking place in plant and animal tissue and functions of enzymes, carbohydrates, lipids and nucleotides in the metabolic control of these processes. The student will be expected to apply concepts learned in biology and chemistry. There is no laboratory requirement.

CHM435
Inorganic Chemistry (3 cr. hours)
Prerequisites: CHM132 and CHM132L, earning a ‘C’ or better Co-requisite: CHM435L
Offered Fall
A one-semester course in Inorganic Chemistry. This course will serve as an in-depth study into the chemistry of the main group elements and transition metals, organized in terms of molecular structure, electronic properties, and chemical reactivity. Inorganic Chemistry focuses on solid state chemistry, nomenclature of inorganic compounds, fundamentals of inorganic complexes, chemical periodicity, introductory atomic theory and molecular orbital theory, descriptive nonmetal chemistry, structures and reactions of transition metal complexes, and applications of inorganic complexes. Inorganic Chemistry will serve as the upper level chemistry requirement for the Bachelor of Forensic Chemistry Degree. The student will be expected to build on concepts learned in General Chemistry. The laboratory will accompany the course and is required.

CHM435L
Inorganic Chemistry Lab (1 cr. hour)
Prerequisites: CHM132 and CHM132L, earning a ‘C’ or better Co-requisite: CHM435
Offered Fall
This laboratory course includes laboratory exercises in the preparation and purification of inorganic compounds utilizing modern synthetic techniques and equipment. Characterization of inorganic compounds will be performed by modern spectroscopic techniques such as nuclear magnetic resonance, UV-vis, infrared, and magnetic susceptibility.

CHM450
Physical Chemistry (3 cr. hours)
Prerequisites: MAT381, CHM381 and CHM381L Co-requisite: CHM450L
Offered Spring
The measurement and theoretical description of the properties of atoms and molecules are presented. The elementary principles of quantum chemistry are developed. The many types of spectroscopy used to study atoms and molecules are described. Methods of atomic structure determination are discussed. The structure and properties of solids are also presented. The basic results of statistical chemistry are outlined and a brief connection to thermodynamics is made.
**CHM: CHEMISTRY (continued)**

**CHM450L**  
Physical Chemistry Lab (1 cr. hour)  
*Prerequisites: MAT381, CHM381 and CHM381L Co-requisite: CHM450*  
*Offered Spring*  
The measurement and theoretical description of the properties of atoms and molecules are presented. The elementary principles of quantum chemistry are developed. The many types of spectroscopy used to study atoms and molecules are described. Methods of atomic structure determination are discussed. The structure and properties of solids are also presented. The basic results of statistical chemistry are outlined and a brief connection to thermodynamics is made. Laboratory experience with modern instrumentation in performing physical and analytical chemistry experiments, practice scientific writing.

**CHM481**  
Instrumental Analysis (3 cr. hours)  
*Prerequisites: CHM381 Co-requisite: CHM481L*  
*Offered Spring*  
This course will serve as a complement to the Quantitative Analysis course. The course focuses on the analytical techniques that use instrumentation that is most generally found in the laboratories today. Students will be expected to apply concepts learned in Quantitative Analysis and General Chemistry. Lab required.

**CHM481L**  
Instrumental Analysis Lab (1 cr. hour)  
*Co-requisite: CHM481L*  
*A lab is required for the corresponding course unless a lab was previously completed with a grade of 'C' or better. There will be a lab fee associated with this course.*  
*Offered Spring*  
A one-semester lab course in instrumental analysis lab. The course will serve as a required addition to the lecture course with introduction into the many of the specific types of instruments and analytical techniques and will serve as the upper level chemistry requirement for the Bachelor of Science Degree and the Forensic Science degree.

**CIS: COMPUTER INFORMATION SYSTEMS**

**CIS111**  
Information Systems & Applications (3 cr. hours)  
*Offered Fall, Spring*  
This course is a survey of basic computer concepts and the MS Office Applications Suite. Topics covered include responsible use of information technology, hardware concepts, word processing (Word), the use, development and maintenance of spreadsheets (Excel), the creation of electronic presentations (PowerPoint), and an introduction to databases (Access). This is a hands-on skills and a conceptual course. Participants will be required to demonstrate software proficiency in the lab, as well as through objective written tests.

**CIS190, CIS290, CIS390, CIS490**  
Special Topics (3 cr. hours)  
*Prerequisite: None, unless listed in the schedule of courses.*  
Topics will vary. May or may not be writing intensive.

**CIS201**  
Programming (3 cr. hours)  
*Prerequisite: CIS111 and one of MAT174/181/273/275/281*  
*Offered Fall*  
Introduces structured programming using a programming language such as Visual Basic. The student will learn to design and develop Windows based applications that are event-driven (point and click). Record structures will be developed along with file storage and manipulation techniques. The course will expose the student to the object-oriented programming environment.

**CIS212 (w)**  
Systems Analysis and Design (3 cr. hours)  
*Prerequisite: CIS201; this is a writing intensive course.*  
*Offered Spring*  
This course covers the systems development life cycle (SDLC) using a case study based approach. All phases of analysis, design, and implementation are covered using the top-down approach. CASE tools are used as a resource. This is a writing intensive course.

**CIS255**  
Internet and Website Development (3 cr. hours)  
*Prerequisite: CIS201 or concurrent (waived for Arts Administration majors only)*  
*Offered Fall*  
Topics covered are the Internet and its parts such as the World Wide Web and website development. The student will learn to create websites using current tools such as SharePoint, Notepad++, and Dreamweaver along with languages such as HTML, JavaScript, and CSS for the Internet, intranets and extranets.
CIS312 (w)
Information Systems for Managers (3 cr. hours)
**Prerequisites:** CIS111, MGT201, and Junior standing; this is a writing intensive course.
**Offered Spring**
Introduces the foundations of information systems and their expanding role in the business environment. The technology of information systems will be discussed as it relates to supporting the day-to-day operations of an organization, with a strong emphasis on the use of it in managerial decision-making. This is a writing intensive course.

CIS315
Database Design and Applications I (3 cr. hours)
**Prerequisite:** CIS111
**Offered Fall even numbered years**
This course addresses technologies for developing database applications. It covers the principles of database design, and database models using Access. Organizational data modeling and designing normalized database structures is strongly emphasized. Managerial issues associated with database administration are covered along with an introduction to distributed database concepts in a client-server environment.

CIS316
Database Design and Applications II (3 cr. hours)
**Prerequisite:** CIS315
**Offered Spring odd numbered years**
This course expands the student's understanding of the fundamentals introduced in Database Design and Applications I (CIS315) by emphasizing the application of databases to organizational management. Database Management Systems (DBMS), Database administration (DBA) and data manipulation languages such as Structured Query Language (SQL) and Visual Basic (VB) are covered.

CIS355
Spreadsheet Applications for Decision Making (3 cr. hours)
**Prerequisites:** CIS111 and MAT174/181
**Offered Spring**
This course focuses on the use of spreadsheet applications as a tool for decision-making. Included are topics such as design and management of worksheets and templates, and the use of built-in functions. Organizational uses in the areas of accounting, finance, marketing, human resources are discussed.

CIS411
Microsoft Office Mastery (3 cr. hours)
**Prerequisites:** CIS111, CIS315 and/or concurrent with CIS355
**Offered Fall**
On completion of the course students should be professional Office applications users prepared to sit and pass the MOS Specialist examinations in the Word, Excel, PowerPoint, and Access or Outlook products. Microsoft designed the MOS certification to demonstrate a broad yet detailed knowledge of the applications in the Office Suite. Topics may include creating advanced templates and forms in Word; working with filters, pivot tables and maps in Excel; editing macros in Excel; building relational databases in Access and customizing forms and reports; preparing and publishing professional presentations in PowerPoint; publishing to and sharing results on the web and intranet; integrating all the office applications; and scheduling resources with Outlook.

CIS412
IT Project Management (3 cr. hours)
**Prerequisite:** CIS111
**Offered Spring**
This course is mainly designed to prepare IT project managers with project management skills needed to better manage IT projects. Built along the IT project management lifecycle, this course covers detailed topics of the basic concepts of IT project management including initiating, planning, controlling, executing, and closing projects. The course also illustrates how IT projects should be managed from inception to post implementation review.

CIS450
Current Trends in Programming (3 cr. hours)
**Prerequisite:** CIS201 and Junior standing
**Offered Fall**
This course explores the latest programming methodologies, particularly the newest web-based programming languages in use today. This may include projects such as programming mobile applications in Java.

CIS470
Internship I (3 cr. hours)
**Prerequisite:** Junior standing and permission of School Dean or Designee
Internship provides the student with on-the-job experience in varied aspects of Information Systems. Hours and work assignments will be arranged on an individual basis.

CIS480
Senior Seminar (3 cr. hours)
**Prerequisite:** Senior standing, majoring in CIS
Involves selecting a project, systems study, data input and output planning, flowcharting, programming, and testing of the project. A formal oral presentation of the project is required. A team approach is typically utilized.
CIT: COMPUTER INFORMATION TECHNOLOGY

CIT155
Operating Systems (3 cr. hours)
Prerequisite: CIS111
Offered Spring
This course provides the student with extensive hands-on exposure to Windows and non-MS Windows environments. Included are such topics as interface design, disk and memory management, system configurations, multitasking, data sharing, and the network environment. Multiplatform operating systems will be introduced.

CIT320
Computer Architecture and Diagnostics (Technology Lab) (3 cr. hours)
Prerequisite: CIS111
Offered Spring even numbered years
This course enables students to identify, configure, and upgrade various components of computer systems, peripherals, and software. The subsystems examined include memory, disk drives, video, I/O ports, and power supplies. Peripherals examined include printers, modems and various I/O devices. Students will learn preventative maintenance and troubleshooting techniques. This course covers semiconductor theory and devices. Operation of devices such as diodes, transistors, and operation amplifiers will be examined. The lab work includes the application of semiconductor devices in practical circuits such as power supplies, voltage regulators, and amplifiers, etc.

CIT340
Green Computing (3 cr. hours)
Prerequisite: CIS111, earning a 'C' or better; and CIS155, CIT155 or CIS255
Students in this course will be introduced to Green Computing (aka, sustainable computing) which is broadly defined as the reduction in the overall carbon footprint (emissions) of computing and communication infrastructure by using energy efficient design and operations. Technical issues in high-performance green computing that span the spectrum from green infrastructure (energy-efficient buildings, intelligent cooling systems, green/renewable power sources) to green hardware (multi-core computing systems, energy-efficient server design, energy-efficient solid-state storage) to green software and applications (parallelizing computational science algorithms to run on modern energy efficient multi-core clusters) will be examined.

CIT344
Information Security (3 cr. hours)
Offered Spring
This course will introduce information security as an essential component in our war against terrorism. All information must be secure or the probability of winning the war will be diminished. With advances in technology and software, cyber-terrorism has become very real. Computer hackers and terrorists can shut down our nation’s most critical infrastructures. There can be no doubt that cyber-terror can pose a very real threat to this nation's security. Students will become familiar with the entire arena of information security.

CIT361
Network Management and Administration (3 cr. hours)
Prerequisites: CIS155, CIT155 or ITS120 and MAT174 or MAT181
Offered Fall
This course provides an overview of network hardware, operating systems, and applications with a focus on design, implementation and management of the network environment inside an organization.

COM: COMMUNICATION

COM130
Oral Communication and Presentation (3 cr. hours)
Offered Fall, Spring
Oral Communication and Presentation is a course in spoken communication that emphasizes public speaking and small group communication. Two speeches, a group presentation, a series of practical exercises and tests are required of all students.

COM134
Digital Photography (3 cr. hours)
Prerequisite: Quality digital camera required (3.0 megapixels or more, 4.0 or above recommended)
Offered Fall, Spring
Introduction to black and white and color photography in its applications as fine art and visual communication. Introduction to computer editing software.

COM190, COM290, COM390, COM490
Special Topics (3 cr. hours)
Prerequisite: None, unless listed in the schedule of courses.
Topics will vary. May or may not be writing intensive.

COM212 (w)
Introduction to Public Relations (3 cr. hours)
Prerequisite: ENG141; this is a writing intensive course.
Offered Fall
Survey of the theory, philosophy, and function of public relations practices and programs in American institutions with special attention given to public relations in various fields. This is a writing intensive course.
COM: COMMUNICATION (continued)

COM218 (w)
News Writing (3 cr. hours)
Prerequisite: ENG141; this is a writing intensive course.
Offered Fall
This course covers methods of gathering and evaluating news and writing typical news stories. Practice work covering assignments and preparing copy. This is a writing intensive course.

COM241
Introduction to Mass Communication (3 cr. hours)
Prerequisite: ENG141 or concurrent
Offered Fall odd numbered years
A survey course examining the various media (i.e., newspaper, radio, television, film, etc.) comprising the mass media in contemporary American society. Emphasis is given to the history, structure, and potential effects of each medium.

COM300 (w)
Communications Research Methods and Information Sources (3 cr. hours)
Prerequisite: COM130 and MAT273; this is a writing intensive course.
Offered Spring
This is an introductory research methods course for all Communication majors. It is designed to teach students search strategies in mass communication that will help them identify primary and secondary sources that match information needs and to use this information for responsible media decision-making. Students will learn how to gain access to these sources and retrieve information through a variety of approaches, including using electronic data bases. Students will design a final project that emphasizes the computer-assisted research methods learned throughout the course. This is a writing intensive course.

COM318 (w)
Feature Writing (3 cr. hours)
Prerequisite: ENG141; this is a writing intensive course.
Offered Spring odd numbered years
This course prepares the student for newspaper features and special articles for general circulation magazines, business, and trade journal sources, materials, markets, and other factors pertinent to nonfiction writing. Students will analyze and write a variety of types of feature stories. This is a writing intensive course.

COM320
Argument/Persuasion Theory and Practice (3 cr. hours)
Prerequisite: COM130
Offered Fall even
The course develops understanding of theories of and critical attitudes toward argument and persuasion in formal and informal situations. Exercises include preparation, analysis, and criticism of arguments and oral argumentation and persuasive messages, persuasive campaigns, and media persuasion.

COM324 (w)
Communicating Across Cultures (3 cr. hours)
This is a writing intensive course.
Offered Fall even numbered years
Introduction to the study of cultural and intercultural theory and behavior, discussion of various culturally specific patterns of communication. This is a writing intensive course.

COM329 (w)
Writing for Electronic Media (3 cr. hours)
Prerequisite: ENG141; this is a writing intensive course.
Offered Spring even numbered years
Introduction to writing styles and techniques used in electronic media. Includes creating copy for advertising, promotion, and news, and scripts for media programs. This is a writing intensive course.

COM330
Video Production (3 cr. hours)
Offered Spring
Finding, producing, directing, scripting, and editing magazine style/documentary short stories. Interviewing techniques will be stressed. Pre-production, production, and post-production processes will be covered. All students will be required to produce their own story.

COM310
Human, Interpersonal and Small Group Communications (3 cr. hours)
Prerequisite: COM130
Offered Fall odd numbered years
This course explores 3 related disciplines of communication as they pertain to the basic process of human interaction, both interpersonally and in small groups. Students will survey some of the main theories of human communication, including those that explain the processes involved in dyadic relationships, self-disclosure and listening. These principles will be integrated into larger communication contexts in order to understand how decision-making and problem solving occur in small groups.
COM: COMMUNICATION (continued)

COM340
Law and Communications (3 cr. hours)
Prerequisite: By instructor permission
Offered Fall even numbered years
Survey of laws and regulations concerning mass media. Includes material on First Amendment, libel, invasion of privacy, freedom of information, copyright, obscenity, advertising and broadcast regulation.

COM341 (w)
Political Communication (3 cr. hours)
This is a writing intensive course.
Offered Fall odd numbered years
Examination of how interpersonal, group, and mass communication processes intersect political processes. A focus on the ways communication constructs political expectations and practice. This is a writing intensive course.

COM350
Elements of News Production (3 cr. hours)
Prerequisites: ENG141 and COM218 or COM329
Offered Fall
This course introduces students to news production techniques through participation as a staff member of the student newspaper. Students will explore reporting and writing news stories, photojournalism, copy editing, and layout and design of the newspaper in a multimedia format, using print and electronic platforms. Students will have the opportunity to create a portfolio of their work as well as learn transferable skills for a variety of employment settings. In addition, this course gives students the opportunity to learn problem-solving skills individually and in a group setting.

COM410 (w)
Advanced Reporting (3 cr. hours)
Prerequisite: COM218; this is a writing intensive course.
Offered Spring even numbered years
The purpose of this course is to give students training in news reporting and gathering methods. Course is a continuation of 218 and will give students further instruction in news story development and writing, as well as interviewing and note taking skills, as students pursue their own news stories. Students will be required to produce several, in-depth news stories and will explore Computer-Assisted Reporting methods. This is a writing intensive course.

COM414
Crisis and Risk Communication (3 cr. hours)
Prerequisites: Senior standing and permission of School Dean or Designee
Offered Spring as needed
This course explores crisis and risk communication in the context of recent national and global events and through case studies of corporate, institutional and individual crises. Students will learn how to communicate with the public prior to a potential event and how to react to crisis situations. From natural disasters to intentional tragedies, public health emergencies, accidents, product recalls and financial crises, different situations and audiences require different approaches for communicating with stakeholders and the public. This course will help students become aware of ways to respond credibly, effectively and ethically.

COM416
Public Relations Cases, Campaigns and Nonprofits (3 cr. hours)
Prerequisite: COM130
Offered Fall odd numbered years
This course covers the theory and practice of producing the public relations material used in campaigns to promote and interpret personal, institutional and organizational objectives and activities. This will include an exploration of the challenges nonprofit organizations face in analyzing and executing public relations strategies to achieve organizational goals and objectives. Students will work with a client in researching and apply problem-solving techniques to an actual case for a major project.

COM438 (w)
History and Tradition of American Journalism (3 cr. hours)
Prerequisite: ENG141; this is a writing intensive course.
Offered Spring even numbered years
This course explores the cultural, intellectual and social history of journalism in America: the impact of new technologies for gathering and disseminating news; popular expectations about the duties and uses of the press and the business of journalism. Examines the press’ role in war, reform movements, political exercises, and other historic events. This is a writing intensive course.

COM441
Organizational Communication and Conflict Resolution (3 cr. hours)
Prerequisite: COM130 (or COM241 for DCP)
Offered Spring odd numbered years
This advanced course examines interpersonal and group relationships and patterns of communication within organizations. This includes the way individuals relate to each other personally, in groups and as leaders and followers. The course is competency based, the material is designed to increase knowledge, create an awareness of values, and build sensitivity to the different situations organizations face in an increasingly complex social, cultural and economic world. Conflict as a communications phenomenon is also explored. By the end of the course, students will have an understanding of the challenges of communicating within an organization and possess the skills necessary to analyze and address organizational communication issues.
COM: COMMUNICATION (continued)

COM450 (w)
Critical Analysis of Mass Media (3 cr. hours)
Prerequisite: ENG141 and COM241; this is a writing intensive course.
Offered Spring odd numbered years
This course provides an introduction to and application of media ethics and critical theory approaches to mass media. Issues may include globalization, identity, power, consumerism, ideology and hegemony in contemporary media. This is a writing intensive course.

COR: CORRECTIONS

COR120
Correctional Thought and Practice (3 cr. hours)
Prerequisite: JUS110
An in-depth analysis of correctional alternatives available for the treatment of the offender. Emphasis will focus on the traditional correctional facilities as well as probation, parole, and community corrections alternatives.

COR190, COR290, COR390, COR490
Special Topics (3 cr. hours)
Prerequisite: None, unless listed in the schedule of courses.
Topics will vary. May or may not be writing intensive.

COR231
Juvenile Justice Systems (3 cr. hours)
Prerequisite: COR120
Offered Fall, Spring
The history, concepts, and scope of the juvenile justice system and its contrast with the adult system of justice. Includes an analysis of the juvenile justice process from initial intervention of delinquency and status offenses by law enforcement personnel and others through release from intervention.

COR236
Correctional Legal Issues (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisite: JUS202
An introductory tier approach to the study of legal issues that affect the correctional field. Concentration will be on institutional due process, religion, and legal services.

COR245
Probation, Parole, and Community Corrections (3 cr. hours)
Prerequisite: COR120
Offered Fall
Course is designed to address the two common options to the imprisonment of a convicted offender. Theoretical approaches regarding the philosophical as well as the practical aspects of these alternatives are considered.

COR320
Correctional Thought and Procedures (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisite: JUS110
Course considers the social, economic, and political consequences of crime and punishment from a number of critical perspectives. These perspectives enable adult learners to understand the causal relationships between various social factors.

COR336
Constitutional Rights of Prisoners (3 cr. hours)
Prerequisite: JUS202
Offered Spring
An in-depth study of the wide range of court decisions that have had an effect on the offender. Concentrates on due process in the institutions, parole and probation hearings, and classification procedures.

COR420
Agency Management (3 cr. hours)
Prerequisites: Senior standing
Offered Spring
This course analyzes some of the distinct differences between public and private management. The theory of controlling, organizing, planning, directing and assembling resources is covered. Students will develop a course project designed to cover the concepts explored in this course.

CSL: COUNSELING

CSL310
Introduction to Addiction Theory and Practice (3 cr. hours)
Prerequisite: PSY101
Offered Fall
This course is designed to examine the etiology, risk factors, and treatment of alcoholism and other addictions. Focus will include historical and research foundations with the understanding of the trans-disciplinary foundations of the substance abuse theory and professional practice.
CSL: COUNSELING (continued)

CSL320
Counseling Procedures and Strategies with Addicted and Disordered Populations (3 cr. hours)
Prerequisite: CSL310 or permission from instructor
Offered Fall
This course is designed to provide the student with knowledge and experience in therapeutic factors, techniques, methods, and basic skills relative to effective counseling. Specific focus will include an introduction to the practice of individual counseling with the micro-skills approach (Ivey). Students will demonstrate competence with basic counseling theory and skills through simulated counseling sessions. Counseling skills and intervention strategies will be practiced through in-class exercises.

CSL425
Group Process and Techniques Working with Addicted Populations and Disordered Populations (3 cr. hours)
Prerequisite: CSL320 or permission from instructor
Offered Fall
This course addresses the patterns and dynamics of groups in a treatment and growth process. Focus includes group counseling, structure, types, stages, development, leadership, therapeutic factors, and the impact of groups on the individual and larger systems. Effective group facilitation skills and techniques used to address diversity issues and special population needs are addressed.

CSL430
Cultural Competence in Counseling (3 cr. hours)
Prerequisite: CSL320 or permission from instructor (Corrections, Psychology, or Forensic Psychology majors may substitute SOC360 Multicultural Issues in Society" for CSL430)
Offered Spring
Self-awareness, knowledge, and skill development are required in counseling members of racially and ethnically diverse populations. This course will explore a wide variety of issues regarding diversity and multiculturalism in counseling, with the primary focus of on the attitudes, knowledge and skills required for cultural competence.

CSL435
Assessment & Diagnosis of Addictive & Behavioral Health Problems (3 cr. hours)
Prerequisite: CSL320 or permission from instructor
Offered Spring
Course examines the diagnostic criteria for substance use disorders as well as a number of other major mental health disorders often seen as co-occurring in substance abusing populations. It also provides a systematic approach to screening, assessment, and diagnosis of addictive and behavioral health problems in order to determine the most appropriate initial course of action given the client's needs, characteristics and available resources. Finally, it provides significant opportunity for hands-on practice in documentation and ethical decision-making.

CSL440
Prevention, Intervention, and Treatment Planning in Addictions (3 cr. hours)
Prerequisite: CSL435 or permission from instructor
Offered Spring
This course will cover models of prevention and intervention of psychoactive substance use, abuse and dependence. This course provides significant opportunity for in case conceptualization and hands-on practice in treatment planning documentation and ethical decision-making.

CSL445
Theory and Practice of Relationship Counseling in Addictions & Behavioral Health (3 cr. hours)
Prerequisite: CSL320 or permission from instructor
Offered Fall
Course is an introduction to the family as a dynamic relationship system focusing on the effects of addiction pertaining to family roles, rules, and behavior patterns. In this course, students will gain a broad background in the marriage and family intervention and counseling techniques in the treatment of addiction and other behavioral health concerns.

CUL: CULTURAL STUDIES

CUL190, CUL290, CUL390, CUL490
Special Topics (3 cr. hours)
Prerequisite: None, unless listed in the schedule of courses.
Topics will vary. May or may not be writing intensive.

CUL210
Comparative Cultures (3 cr. hours)
Prerequisite: ENG141
Offered Fall
Introduces the concept of culture, discusses its role in a society, and explores different manifestations of culture. This course may discuss culture in microcosm or macrocosm.

CUL220
Religions of the World (3 cr. hours)
Prerequisite: ENG141
Offered Fall
A survey of the prominent religions that influence the lives of people around the world.
CUL250
World Cultural Geography (3 cr. hours)
Prerequisite: ENG141
Offered Fall even numbered years
This course exposes students to cultural variation found around the world. It will investigate changes in populations, human migratory patterns, language, religion, social customs, economic systems, and cultural interaction.

CUL300 (w)
Our Cultural Heritage (3 cr. hours)
Prerequisite: ENG142; this is a writing intensive course.
Offered Spring
Through an interdisciplinary approach, the student comes to understand the influence of cultural backgrounds on modern humanity. Topic areas vary. This is a writing intensive course.

CUL312
Middle Eastern Cultures (3 cr. hours)
Prerequisites: ENG142, one HIS course, and Junior standing
Offered Spring even numbered years
This is a survey course of Islamic cultures around the world with emphasis on Arab Islamic culture. The course includes study of the religion itself, the accommodations made in various countries to local customs/conditions and comparisons among them. It also addresses the similarities/differences between Western culture and Muslim culture, including legal systems, church/state relationships and core values.

CUL313
East Asian Cultures (3 cr. hours)
Prerequisites: ENG141
Spring as needed
This course is an in-depth study of the geography, social mores, and religious beliefs of the people who make up the region known as East Asia.

CUL351
History of Film in Society (3 cr. hours)
Prerequisite: ENG142
Offered Fall
This course examines the role that the medium of motion pictures played in society from the 1890s to present. It emphasizes the development of film as a predominantly American art form that had world-shaping ramifications. The influence of the Studio System, film technology, and international film styles, notably German Expressionism, will be studied to provide a context for the growth of the modern film canon.

CUL352
Film Genre and History (3 cr. hours)
Prerequisite: ENG142
Offered Spring
This course is an examination of the role of genre in shaping the medium of motion pictures. The course will emphasize the technological, artistic, and commercial developments that made film a significant part of the American and world culture. Emphasis will be on the development of film through societal and other changes and showcase the significance of genre in the cinematic canon. While many genres will be examined, two will be emphasized, and the transgression of genre borders will be discussed.

CUL375
Exploring America's Historical Cities (3 cr. hours)
Prerequisite: ENG142, earning a ‘C’ or better. Students must be able to travel to the city being studied to earn credit. Cities studied in a regular rotation are New Orleans (Spring Semester, Even Years and students MUST be 21 years of age or older) and Boston (Fall Semester, Even Years). Other cities include Savanna, GA, Gettysburg and other Civil War battlefields, Chicago, IL, and Washington, D.C. Course fee $1,000 - $1,200
Offered Fall, Spring
In the same tradition as our Education Abroad programs, a domestic program of studying away from the Tiffin Main Campus will benefit students who have not experienced the diversity of American culture. Each semester, the class will examine the culture, literature, music, cuisine, history, geography, and environment of the city under study. Students will meet weekly for classroom study for the first half of the semester, prior to the actual exploration of the city, which will take place during the week of Spring or Fall Break and, with a final paper, be the culmination of the course.

CUL410 (w)
Gender, Culture, and Visual Art (3 cr. hours)
Prerequisite: ENG142, earning a ‘C’ or better; this is a writing intensive course.
Offered Spring even numbered years
This course will explore the production and performance of gender in the visual imagery of art, pop culture and mass media. This visual culture includes not only the world of fine art, but also film, television, music videos, video games, and advertising. The primary objectives are to introduce issues of gender in the production of visual culture and how those visual ideas about gender demonstrate and question the accepted ideologies of our culture. The intersections between gender, race, class and consumerism will be explored. A comparison with earlier time periods will be made to emphasize the ways that ways that our ideas about gender have both evolved and remained the same. The construction of gender ideologies from male and female perspectives will be stressed. This is a writing intensive course.
CUL: CULTURAL STUDIES (continued)

CUL428
Issues of Dying and Death (3 cr. hours)
Prerequisites: ENG142
Issues of Dying and Death addresses all aspects of dying and death one may experience and must contemplate while working within the healthcare industry. Dying and death is addressed from a psychological, social and physical perspective for all ages. Students are exposed to various theories and models concerning both human development and grief.

CUL441
Latin American Culture (3 cr. hours)
Prerequisite: None for general student population, HIS341 for Latin American Studies Minor
This course is designed to provide a study of Latin American cultures around the world, geography and linguistic differences between the Spanish speaking world. This course is taught in English and is open to the entire student body. Students will explore Latin American culture through the study of art, film, history, and food. Students will be given opportunities to discuss lessons in conversation.

CUL443 (w) (L)
Comparative Mythology (3 cr. hours)
Prerequisites: ENG142, earning a ‘C’ or better and 200 level ENG or CUL or PHI; this is a writing intensive course. Meets literature requirement for graduation.
Offered Fall odd numbered years
This course is a study of the great epics and myths of the world, emphasizing at least 3 classical western texts which may include Homer’s Iliad and/or Odyssey, Hesiod’s Theogony, Virgil’s Aeneid, Ovid’s Metamorphoses, the prose and/or poetic Eddas, and/or Dante’s Inferno or Divine Comedy. Students will analyze common themes in myth and folklore around the world and their role in influencing the contemporary world. The course might discuss creation myths, fertility myths, and hero/heroine myths and epics. This is a writing intensive course.

CUL448 (w) (L)
Women and Literature (3 cr. hours)
Prerequisites: ENG142, earning a ‘C’ or better and 200 level ENG or CUL or PHI; this is a writing intensive course. Meets literature requirement for graduation.
Offered Spring even numbered years
A literary study of the perceptions of women and their roles in society. This course may focus on the images of women as they are portrayed in literature, on particular female authors, or on both. This course can be used to fulfill General Education core literature requirement. This is a writing intensive course.

CUL449 (w) (L)
Minority Experience in American Literature (3 cr. hours)
Prerequisites: ENG142, earning a ‘C’ or better and 200 level ENG or CUL or PHI; this is a writing intensive course. Meets literature requirement for graduation.
Offered Spring odd numbered years
An examination of life in immigrant and minority cultures with emphasis on the breadth and diversity of literary culture in 20th Century America, but may include earlier literature. It may include historical development of the minority culture’s experiences in America. It may be run as a survey of a particular minority experience, or it may concentrate on certain major works. Students may read and report on readings from a secondary list as well. This is a writing intensive course.

ECO: ECONOMICS

ECO190, ECO290, ECO390, ECO490
Special Topics (3 cr. hours)
Prerequisite: None, unless listed in the schedule of courses.
Topics will vary. May or may not be writing intensive.

ECO221
Principles of Macroeconomics (3 cr. hours)
Prerequisite: MAT174/181
Offered Fall, Spring
A study of macroeconomics (the “whole” economy), concepts and principles, plus current issues in macroeconomics. Required for all majors in the BBA.

ECO222
Principles of Microeconomics (3 cr. hours)
Prerequisite: MAT174/181
Offered Fall, Spring
A study of microeconomics (the “parts” of the economy), concepts and principles, international trade, and current issues in microeconomics. Required for all majors in the BBA.

ECO322
Intermediate Microeconomics (3 cr. hours)
Prerequisite: ECO222
Offered Fall
Advanced study in the foundations of microeconomics theory, and current issues in microeconomics.
ECO: ECONOMICS (continued)

ECO420
Money and Banking (3 cr. hours)
Prerequisite: ECO221
Offered Spring
In-depth examination of the role money and financial institutions play in a market economy, focusing on the Federal Reserve System, monetary policy, and current issues in money and banking.

ECO422
Managerial Economics (3 cr. hours)
Prerequisite: ECO222 and MAT273
Offered Spring
The study of the application of economics concepts and principles to management decision-making. Emphasis is placed on the firm's use of limited information in an uncertain environment.

ECO424
Global Trade (3 cr. hours)
Prerequisite: ECO222
Offered Fall
A study of international trade and the geographical, economic, and nationalistic characteristics that challenge the firm embarking upon global trade. Our focus is on the multinational corporation (MNC), or global business, pursuing trade in a very dynamic world economy “guided/influenced” by national and regional political and economic considerations.

ENF: LAW ENFORCEMENT

ENF150
Police and Society (3 cr. hours)
Prerequisite: JUS110
Offered Fall, Spring
A study of the various response methodologies available to the patrol officer in assisting the citizen's request for police service. Discusses traffic enforcement from the stop of the violator through traffic accident investigation.

ENF154
Homeland Security Overview (3 cr. hours)
Offered Fall, Spring
The course presents an introduction to the public and private sector dimensions of the theory and practice of homeland security at the national, regional, state and local level. The perspective will include an overview of the administrative, legislative, and operational elements of homeland security programs and processes, including a review of homeland security history, policies, and programs. The student will examine, in general, terrorism and the intelligence issues that support homeland security operations.

ENF160
Crime Prevention (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisite: JUS110
An examination of crime prevention and security programming responding to commercial, retail, industrial, and governmental proprietary needs. Review of physical, personnel, and informational security.

ENF190, ENF290, ENF390, ENF490
Special Topics (3 cr. hours)
Prerequisite: None, unless listed in the schedule of courses.
Topics will vary. May or may not be writing intensive.

ENF212
Concepts of Terrorism (3 cr. hours)
Prerequisites: ENG141 and ENF154
Offered Fall, Spring
This course provides an introduction into the theories explaining terrorist behavior. It will examine the questions of what constitutes terrorism, terrorist groups, and what economic, social, religious and other issues lead to the conduct of groups like al Qaeda. Additionally, students will be required to think critically about how terrorist groups form, what makes them disband, and how knowledge is transferred among groups and group members. Further, it will cover the history and development of the term “terrorism” and the development of modern terrorism in practice.

ENF239
Applied Criminal Investigation and Criminalistics (3 cr. hours)
Prerequisite: JUS202
Offered Fall, Spring
Emphasis on the investigation of specific crimes including, but not limited to, homicide, sexual assault, aggravated assault, robbery, burglary, theft, auto theft and arson. Students will be required to investigate a “mock” crime scene, collect and analyze evidence obtained and present their investigation in a “moot” court.

ENF240
Critical Infrastructure Protection (3 cr. hours)
Prerequisite: ENF154
Offered Spring
This course provides a broad perspective of the Critical Infrastructure Protection (CIP) effort in the United States. The overall mission of CIP is to protect and ensure the continuity of the critical infrastructure of the US that is essential to the nation's security, public health and safety, economic vitality, and way of life against debilitating disruption or destruction from man-made or natural incidents. Students will explore the importance of the National Infrastructure Protection Plan, the eighteen critical infrastructure sectors and their related challenges for protection.
ENF: LAW ENFORCEMENT (continued)

ENF245
Emergency Organization and Management (3 cr. hours)
Offered Fall, Spring
Every level of government bears responsibility for emergency response. A systematic analysis of the public agencies and an overview of organizations involved in homeland security will be covered in this course. Topics such as threat assessment, risk analysis, incident management systems, coordinating with supporting agencies, response procedures, the planning function, coordinated government efforts, crime scene operations, prevention strategies, response protocols, evacuation, medical support, and conducting an effective follow-up analysis will all be covered. This class will prepare the student with information necessary to respond to terrorist acts.

ENF293 (w)
Criminology (3 cr. hours)
This is a writing intensive course.
Offered Fall, Spring
This course provides an introduction to the subject of criminology. Criminology is the study of both criminal behavior and crime itself, and as such, is one of the foundational courses for criminal justice. It explores the different schools of criminological thought, the different eras of criminology research and the theories proposed for crime and criminal motivation. Additionally, there is an emphasis on the development of the history of criminology as the basis for our justice system today. This is a writing intensive course.

ENF317
Introduction to CJ Leadership (3 cr. hours)
Offered through Online & Off-Campus programs only
This course introduces students to the leadership process by examining the concepts and theories of leadership in order to help students develop the skills necessary to becoming leaders in the workplace, the community and the larger global society. The course emphasizes the relationship between theory and leadership practice, and the moral and civic responsibilities of leadership. Aspects of leadership will have a criminal justice focus.

ENF320
Advanced Criminalistics (3 cr. hours)
Prerequisites: FSC115 and ENF239
This course focuses on crime scene investigative processes, methods, and procedures. It expands on the topics covered in FSC115 and ENF239. It offers the student the opportunity to apply scientific theory in a practical setting. Topics include the role of the first responder to the crime scene, methodologies to approaching the crime scene, crime scene analysis, a thorough overview of the gamut of physical evidence including blood and biological, impression, fingerprint, firearm, drug, digital, tool mark, and trace evidence. Additionally, this course offers familiarization with specialized investigations including death, arson, mass fatalities, and sex crimes investigations. It is designed with the duties of the field criminalist in mind.

ENF323
Issues in Law Enforcement (3 cr. hours)
Offered through Online & Off-Campus programs only
This course examines decision making in the criminal justice system in the United States. This course is designed to provide the student with a detailed comprehension of how criminal justice professionals make decisions in a multi-faceted civil framework of existence. This course further examines criminal justice decision makers on what they do, the problems they face, and the many reforms and innovations they must evolve into.

ENF335
Law Enforcement Supervision (3 cr. hours)
Prerequisite: JUS110
Offered Fall, Spring
A study of management theories and their impact on law enforcement agencies. Topics include, but are not limited to, agency structure, management of personnel, fiscal management, and civil and criminal liabilities for police personnel.

ENF355
Forensic Investigation of Sex Crimes (3 cr. hours)
Offered through Online & Off-Campus programs only
This course presents a detailed overview of the responsibilities of a sex crimes investigator including information regarding victim's issues, legal issues, search and seizure issues as well as mechanics of a sexual assault investigation, and secondary traumatic stress syndrome. This course will also examine different types of offenders and specific issues unique to sex crimes investigations.

ENF393
Criminal Nature (3 cr. hours)
Offered through Online & Off-Campus programs only
An examination of the nature, variation, and causes of crime with emphasis on theories of crime and criminal behavior. Topics will include social pathology, traditional crime and criminals, and emergent criminal activities such as computer-assisted crime. An examination of the nature, variation, and causes of crime with emphasis on theories of crime and criminal behavior and the study of social institutions and their influence on labeling and labeling behavior.

ENF400
Comparative Criminal Justice Systems (3 cr. hours)
Prerequisite: JUS361
Offered Fall, Spring
Study of national and international criminal justice systems with emphasis on law enforcement. The historical, cultural, and operational similarities and differences will be explored. Contemporary research relating to law enforcement, adjudicative, and correctional systems will be considered.
ENF: LAW ENFORCEMENT (continued)

ENF432
Death Investigation (3 cr. hours)
Prerequisite: ENF320
This course examines the many facets of properly investigating death and addresses the investigator’s role in the process. Topics include first responder responsibilities, autopsy and laboratory capabilities, crime scene preservation, common mistakes made in death investigations, legal considerations, and exploration of the various methods of death including homicide, suicide, accidental, natural, and undetermined. Conceptualizing and applying the investigative process to the uniqueness of death investigations is a central theme of this course.

ENF441
Counterintelligence/Counter-terrorism (3 cr. hours)
Offered Fall, Spring
This course addresses the issues of counterintelligence and counter-terrorism (covert information modification and planned preemptive responses). This course will provide an explanation of these two different tactical operational modalities. The interconnectedness of these two separate operational fields will be examined to determine their structural relationship in combating an enemy threat. Additionally, this course will examine the geopolitical utilization of these operational methodologies by U.S. domestic and foreign-based operatives providing security to U.S. domestic security interests. Lastly, this course will examine the use of technology and human intelligence in their application regarding counterintelligence.

ENF450
Crime Analysis (3 cr. hours)
Prerequisite: Senior standing
Offered Fall, Spring
An introduction to the concept, applications, and methods of crime analysis as it is employed in municipal, county, state, and federal law enforcement and other criminal justice agencies. The course will include how to form a crime analysis unit which has effective relationships with patrol, criminal investigation, and other field operations units, and will focus on methods of how to collect, collate, analyze, and employ crime date to predict future criminal events, including when and where perpetrators will strike. Managerial and supervisory responsibilities in a crime analysis unit will also be discussed. The course is directed toward preparing students to obtain an entry-level crime analysis position in a law enforcement agency.

ENF460 (w)
Evidence Processing (4 cr. hours)
Prerequisite: ENF239 and Senior standing for Criminal Justice Majors. None required for BS in Forensic Science; this is a writing intensive course.
Offered Fall, Spring
This course represents a capstone experience for the Forensic Science major. Students will explore the total evidence spectrum from discovery and collection of evidence through presenting courtroom testimony. The class will combine classroom and laboratory instruction and culminate with a field experience. Topics to be covered include evidence collection, legal rules of evidence, the chain of evidence, the collection, processing and preservation of evidence, analysis and preparation of evidence, and presentation of courtroom testimony. This is a writing intensive course.

ENG: ENGLISH

Courses designated with a (w) are writing intensive and those with a (L) may be used to meet the General Education Literature requirement.

ENG141
Rhetoric and Introductory Research Writing (3 cr. hours)
Prerequisite: ENG095, earning a ‘C’ or better or Placement; Students must receive a grade of ‘C’ or better to enroll in ENG142.
Offered Fall, Spring
This course prepares students for academic writing and research. Students will develop skills in summary, synthesis, and argument writing and will be introduced to college research. They may be taught these skills through a variety of rhetorical modes (pro/con, cause/effect, comparison/contrast, etc.) and/or through rhetorical analysis (ethos, logos, and pathos). Emphasis is placed on developing essays characterized by strong thesis statements; focused, coherent, and logically ordered paragraphs; correct grammar; and correct documentation in APA style.

ENG142 (w)
Rhetoric and Academic Writing (3 cr. hours)
Prerequisite: ENG141, earning a ‘C’ or better; Students must receive a grade of ‘C’ or better to receive credit toward graduation and to enroll in courses for which it is a prerequisite. This is a writing intensive course.
Offered Fall, Spring
This course provides instruction in persuasive and analytical writing and research through critical reading and analysis of texts, and the practice of rhetorical and analytical strategies that can be applied across various disciplines. Through reading, discussion, critical analysis, and instruction in locating and evaluating resources, students practice a range of approaches to academic writing. Students must receive a grade of “C” or better in ENG142 to receive credit toward graduation for this course, and to enroll in courses for which it is a prerequisite. This course is a writing intensive course.
ENG221
History of the English Language (3 cr. hours)
Prerequisite: ENG142, earning a ‘C’ or better
Offered Spring odd numbered years
This course studies language and writing with a special emphasis on the history and evolution of English from its origins in Old English through Middle English to Modern English. It may look at British English, American English, and World Englishes and how words are adopted into the language and adapted to meet new needs. Students will study the English language as an ever-growing, ever-changing phenomenon.

ENG223
Advanced Grammar (3 cr. hours)
Prerequisite: ENG141, earning a ‘C’ or better
Offered Spring even numbered years
This course is an in-depth study of modern English grammar that blends descriptive and prescriptive approaches. It emphasizes the distinction between grammatical form and function and the recognition of basic patterns underlying complex sentences, and it stresses the rhetorical value of competency in sentence-level grammar.

ENG242 (w) (L)
Short Story Interpretation (3 cr. hours)
Prerequisite: ENG142, earning a ‘C’ or better; this is a writing intensive course.
Offered Fall even numbered years
The course examines the short story as a literary genre. Students will read a wide range of stories from around the world and from different time frames. Emphasis is given to an understanding and critical appreciation of the structure and function of the short story. This is a writing intensive course. Meets literature requirement for graduation.

ENG245
Technical Writing (3 cr. hours)
Prerequisite: ENG141, earning a ‘C’ or better
Offered Spring
This course will explore the principles and procedures of technical writing beginning with the task of analyzing audience and determining purpose. Students will also develop strategies and techniques for organizing information, integrating graphics, and producing specialized texts relevant to the scientific, technical, and law enforcement fields. This course also covers strategies for reading technical and functional texts.

ENG251 (w)
Creative Writing I (3 cr. hours)
Prerequisite: ENG142, earning a ‘C’ or better; Creative Writing courses can be taken out of sequence. This is a writing intensive course.
An introductory creative writing course that encourages and develops a student's freelance abilities in the communicative arts. Students will write and criticize their own material and that of classmates and professional writers in three genres (short story, poetry, essay). Students will learn to tactfully criticize, edit, and help fellow writers. Completion of a portfolio of original work with a minimum of three short stories, six poems, and one academic piece, or other equivalent combination of material will be required. This is a writing intensive course.

ENG252 (w)
Creative Writing II: Short Story (3 cr. hours)
Prerequisite: ENG142, earning a ‘C’ or better; Creative Writing courses can be taken out of sequence. This is a writing intensive course.
An introductory creative writing course that encourages and develops the student's short story writing skills. Students will write portfolios of original work with a minimum of four short stories and participate in classroom discussion demonstrating modern critical thought with the goal of development and improvement. This is a writing intensive course.

ENG253 (w)
Creative Writing III: Poetry (3 cr. hours)
Prerequisite: ENG142, earning a ‘C’ or better; Creative Writing courses can be taken out of sequence. This is a writing intensive course.
An introductory creative writing course that encourages and develops the student's skill in writing and understanding different forms of poetry, with an emphasis on formal verse. One half of the semester will be spent in the study of a variety of metrical and rhyme patterns, and the second half of the semester will be spent employing these patterns in both western and foreign verse forms. Students will write portfolios of original work with a minimum of eight to ten original poems with an introduction. This is a writing intensive course.

ENG254 (w)
Creative Writing IV: Creative Nonfiction (3 cr. hours)
Prerequisite: ENG142, earning a ‘C’ or better; Creative Writing courses can be taken out of sequence. This is a writing intensive course.
An introductory writing course that encourages and develops a student's freelance abilities in the area of creative nonfiction. Memoir, autobiography, creative and satirical essays, new journalism, magazine, and other styles of nonfiction writing will be explored. Samples of the different genres will be analyzed. Creative writing techniques will be applied to nonfiction subject. Students will criticize their own and each other's material in light of modern critical thought and development. This is a writing intensive course.
ENG: ENGLISH (continued)

ENG255
Business Writing (3 cr. hours)
Prerequisite: ENG141, earning a ‘C’ or better
Offered Fall
This introductory course prepares students for reading, writing, and communicating in the professional environment by exposing students to the specialized vocabulary and categories of written and verbal communication that are common to numerous professional fields, through the examination and composition of documents common to numerous professions.

ENG262
Editing (3 cr. hours)
An advanced course in evaluating a written text for quality, value, tone, and voice for a variety of audiences. Attention will be given to proofreading, grammar, premise, logic, content, and holistic value of the finished piece.

ENG291 (w) (L)
British Literature I (Old English through the Restoration) (3 cr. hours)
Prerequisite: ENG142, earning a ‘C’ or better; this is a writing intensive course.
Offered Fall even numbered years
This course is a survey of the major literary works and their themes in British literature from the eighth through the eighteenth centuries. By responding critically to early works such as the Old English epic Beowulf, Middle English works by authors such as Chaucer and Langland, Renaissance works by authors such as Shakespeare, Marlow, More, and Restoration and eighteenth-century works by Milton, Dryden, Swift, Pope, and Johnson, students will gain an understanding of the cultural, societal, political, religious, and linguistic influences that shaped British literature. This is a writing intensive course.

ENG292 (w) (L)
British Literature II (Romanticism to WWII) (3 cr. hours)
Prerequisite: ENG142, earning a ‘C’ or better; this is a writing intensive course.
Offered Spring odd numbered years
This course will introduce students to major works and trends of American literature from 1865 to the present. The course will focus on the development and impact of American literary realism, naturalism, modernism, and postmodernism, as well as pay special attention to works and writers associated with the Jazz Age, the Harlem Renaissance, the Beat movement, and other trends of the period. Students will read works by authors such as Emily Dickinson, Walt Whitman, Mark Twain, Jack London, Edith Wharton, T.S. Eliot, Wallace Stevens, William Faulkner, Zora Neale Hurston, Langston Hughes, F Scott Fitzgerald, Flannery O’Connor, Sylvia Plath, Allen Ginsberg, Thomas Pynchon, Edward Albee, and Toni Morrison. This is a writing intensive course. Meets literature requirement for graduation.

ENG293 (w) (L)
American Literature I (Colonial to Civil War) (3 cr. hours)
Prerequisite: ENG142, earning a ‘C’ or better; this is a writing intensive course.
Offered Spring odd numbered years
This course will introduce students to major trends in American literature from the Colonial Period through the Civil War. Students will read works by authors such as John Winthrop, William Bradford, Mary Rowlandson, Benjamin Franklin, Frederick Douglass, Nathaniel Hawthorne, Ralph Waldo Emerson, Henry David Thoreau, Edgar Allan Poe, and Herman Melville with a focus on issues such as American identity and purpose, the relationship of self to community, the role of religion in early American life, the impact of secularism, the value and the limits of human reason, and the role of imaginative expression in human life. This is a writing intensive course. Meets literature requirement for graduation.

ENG294 (w) (L)
American Literature II (Civil War to WWII) (3 cr. hours)
Prerequisite: ENG142, earning a ‘C’ or better; this is a writing intensive course.
Offered Spring even numbered years
This course will introduce students to major works and trends of American literature from 1865 to the present. The course will focus on the development and impact of American literary realism, naturalism, modernism, and postmodernism, as well as pay special attention to works and writers associated with the Jazz Age, the Harlem Renaissance, the Beat movement, and other trends of the period. Students will read works by authors such as Emily Dickinson, Walt Whitman, Mark Twain, Jack London, Edith Wharton, T.S. Eliot, Wallace Stevens, William Faulkner, Zora Neale Hurston, Langston Hughes, F Scott Fitzgerald, Flannery O’Connor, Sylvia Plath, Allen Ginsberg, Thomas Pynchon, Edward Albee, and Toni Morrison. This is a writing intensive course. Meets literature requirement for graduation.

ENG313
Theoretical Approaches to Reading and Writing (3 cr. hours)
Prerequisite: ENG142, earning a ‘C’ or better
Offered Spring odd numbered years
Provides students with a foundation in composition and reading theory for teaching. Students study and practice writing and reading for a variety of purposes and audiences and analyze their experiences. The purpose of this course is to give students a theoretical foundation from which to shape and apply a philosophy of teaching reading and writing.
ENG: ENGLISH (continued)

ENG323 (w) (L)
Examining the Criminal Mind in Crime Literature (3 cr. hours)
Prerequisite: ENG142, earning a ‘C’ or better; this is a writing intensive course.
Caution: This class will contain true and fictional presentations of violent and disturbing crimes from the perspectives of those committing the crimes. Students who are easily offended or disturbed by graphic depictions of murder, brutality, child abuse, rape, and drug use are advised to not take this class.

Crime literature is a broad genre that contains the subgenres of mystery, caper, detective, police procedural, satire, true crime, and even humor. This class will examine some of the finest literature that approaches criminal behavior, mostly from the perspective of the criminals themselves. Using Neutralization Theory as the major theoretical perspective, fiction from the point of view of the criminals will be examined from a very intimate point of view. Crime fiction will be used to understand the criminal mind while exploring the genre. This is a writing intensive course. Meets literature requirement for graduation.

ENG347 (w) (L)
American Novel (3 cr. hours)
Prerequisite: ENG142, earning a ‘C’ or better; this is a writing intensive course.

Offered Fall
A study of major trends and themes in the American novel. Literature describes a nation; likewise, the nation influences the literature it produces. We examine what in American culture and history has influenced the novel and made it one of our most prized art forms. Major authors will be examined from the point of view of their unique contribution to the novel as art and commentary. This is a writing intensive course. Meets literature requirement for graduation.

ENG348 (w) (L)
The British Novel (3 cr. hours)
Prerequisite: ENG142, earning a ‘C’ or better; this is a writing intensive course.

Offered Fall
This course is a study of the major trends, themes, and developments in the British novel from the eighteenth century to the present. Novels by major British authors are examined in terms of their unique contributions to the art and commentary of the novel, as well as their influences on English culture, society, and literature. This is a writing intensive course. Meets literature requirement for graduation.

ENG350 (w) (L)
History of Dramatic Literature (3 cr. hours)
Prerequisite: ENG142, earning a ‘C’ or better; this is a writing intensive course.

Offered Spring even numbered year
A survey course in dramatic literature designed to help develop an aesthetic awareness of dramaturgy as not only an art form, but also a study of human nature in all its proportions. The fundamental principles of theatre and the cultural significance of drama will be examined with special attention to playwrights, literary themes, social backdrops, character analyses, and interpretation of ideas conveyed in a presentation, rather than explanatory format. Through a study of representative historical and contemporary plays, students will learn to become passionate readers of dramatic literature, participating minute-by-minute in the lives and problems of dramatic figures and arriving at an understanding of their motives and conduct. This is a writing intensive course. Meets literature requirement for graduation.

ENG351 (w) (L)
Greek Drama (3 cr. hours)
Prerequisite: ENG142, earning a ‘C’ or better; this is a writing intensive course.

Offered Spring odd numbered years
This course is a study of the major Greek dramatists, their works, their themes, and their culture. Fifth century Athens experienced an explosion of political, cultural, and architectural development, and plays were performed regularly in competition at the annual City Dionysia, a festival in honor of the god Dionysus. Though the myths on which these plays are based were familiar to fifth century Athenians, the manner in which each playwright dramatized a particular myth was the product of his distinctive creative genius. Students will become acquainted with the theatrical and intellectual contributions made by the 3 most successful and celebrated Greek playwrights--Aeschylus, Sophocles, and Euripides--by addressing their plays as works of literature and by examining concomitant analyses provided by renowned critics. Students will gain an understanding of the plays’ major conflicts, the characters as both mythic heroes and personifications of human nature, and the dramatic spectacle that fifth century audiences enjoyed. This is a writing intensive course. Meets literature requirement for graduation.

ENG356 (w) (L)
American Poetry (3 cr. hours)
Prerequisite: ENG142, earning a ‘C’ or better; this is a writing intensive course.

Offered Spring odd numbered years
A survey of American poetry and poetics from the Puritan era to the present, showing the effects of the Romantic revolution on an American Puritan tradition and the making of a national vernacular for poetry. Students will study poetic technique and read authors such as Bradstreet, Taylor, Freneau, Emerson, Longfellow, Poe, Thoreau, Whitman, Dickinson, Robinson, Dunbar, Crane, Stein, Sandburg, Stevens, Williams, Pound, H.D., Moore, Eliot, Millay, Hughes, Cullen, Zukofsky, Auden, Roethke, Bishop, Berryman, Brooks, Lowell, Plath, Glück, Levertov, Ginsberg, Merrill, Kinnell, Rich, Pinsky, and Collins. This is a writing intensive course. Meets literature requirement for graduation.
ENG: ENGLISH (continued)

ENG361 (w) (L)
English Poetry (3 cr. hours)
Prerequisite: ENG142, earning a ‘C’ or better; this is a writing intensive course.
Offered Spring even numbered years
A survey of selected English poetry drawn from the Old English period to the twentieth century. The course examines leading figures from the eras studied. Trends and influences of each respective age in the progressive development of poetry in England are studied. Authors and works studied may include Beowulf, Talesin, Marie de France, Malory, Chaucer, Dunbar, Skelton, Wyatt, Spenser, Sidney, Whitney, Elizabeth I, Raleigh, Marlowe, Shakespeare, Jonson, Donne, Wroth, Herrick, Herbert, Marvel, Philips, Milton, Swift, Pope, Gray, Blake Wordsworth, Coleridge, Southey, Shelley, Byron, Smith, More, Hemans, Clare, the Rossettis, the Brownings, Arnold, Swinburne, Eliot, Pound, H.D., and Moore. This is a writing intensive course. Meets literature requirement for graduation.

ENG365 (w) (L)
Issues in Literature (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisite: ENG142, earning a ‘C’ or better; this is a writing intensive course.
This course is conducted as a forum wherein students read, analyze, and discuss different works of fiction and poetry. Special attention is given to those literary works that focus on the challenges of being responsible adults. Students will be asked to make personal connections with the material, using their own lives and work experiences as a means to focus on literary technique in the established literary canon. They will be challenged to make the transition from superficial reading of a text to a deeper interpretation and appreciation for literary theories and concepts. This is a writing intensive course. Meets literature requirement for graduation.

ENG380 (w) (L)
Shakespeare (3 cr. hours)
Prerequisite: ENG142, earning a ‘C’ or better, ENG221 for ENG majors; this is a writing intensive course.
Offered Fall
This course is a study of the major trends and themes in Shakespeare's plays by addressing them as works of literature and by examining concomitant analyses provided by renowned Shakespearean critics. Students will gain an understanding of the plays' major conflicts, the characters as personifications of human nature, the author's mastery over figurative language, and the importance of setting as a key component in each work. From reading and responding critically, students will develop an alertness of the power that these works have to tell us more about ourselves as we attempt to say something about them. This is a writing intensive course. Meets literature requirement for graduation.

ENG382 (w) (L)
Sherlock Holmes (3 cr. hours)
Prerequisite: ENG142, earning a ‘C’ or better; this is a writing intensive course.
Offered Spring
This course is an in depth examination of the Sherlock Holmes stories by Sir Arthur Conan Doyle and their impact on literature and popular culture. The original Sherlock Holmes stories and novels will be examined, as will later, non-canonical, adaptations, such as the novels of Nicholas Meyer and Laurie R. King, and the various film and television versions, including the BBC series Sherlock. Students will read primary sources and critical studies of the Sherlock Holmes literature as a social phenomenon, and the fictional legacy it created. Offered Spring. This is a writing intensive course. Meets literature requirement for graduation.

ENG422 (w) (L)
World Literature (3 cr. hours)
Prerequisite: ENG142, earning a ‘C’ or better; this is a writing intensive course.
Offered Fall even numbered years
This course is an examination of World Literature. It will examine the innovations in literary technique and genre in world literature, possibly including an introduction to postcolonial literature and theory. Social, political, and technological changes and their ramifications on literature will be examined, as well as how literature affected particular areas of the world in these turbulent times. This is a writing intensive course. Meets literature requirement for graduation.

ENG453 (w) (L)
Major Authors in British and American Literature (3 cr. hours)
Prerequisite: ENG142, earning a ‘C’ or better; this is a writing intensive course.
Offered Fall
Students in this course engage in an in-depth study of no more than two major authors in either British or American literature over the course of the semester. These two authors will be drawn from the same or adjacent periods and will both be from the same country. Offerings alternate between British and American authors every semester that the course is offered. Authors studied in this course include major texts by authors ranging from Chaucer to Fielding, Mary Shelly, Tennyson, and Dickens in British literature to Poe, Emerson, Thoreau, Twain, Dickinson and Whitman in American literature. British and American Modernist era authors such as Cummings, Eliot, Pound, Woolf, and Joyce will also be taught in some years. This is a writing intensive course. Meets literature requirement for graduation.
ENG: ENGLISH (continued)

ENG463 (w) (L)
Literary Theory (3 cr. hours)
Prerequisite: ENG142, earning a ‘C’ or better and 200 level ENG, CUL, or PHI; this is a writing intensive course.
Offered Fall odd numbered years
This course is a study of critical theory beginning with selected classical texts by authors such as Plato, Aristotle, Dryden, Nietzsche, Tolstoy, and others. Approaches such as Marxist, psychological, structural, post-structural, feminist, reader-response, and contemporary theorists, such as Jacques Derrida, Donna Haraway, Jean Baudrillard, Michel Foucault, and Jean-Francois Lyotard will also be discussed and analyzed. Through examination of sample texts and the theoretical approaches to their analysis, students will learn to move from literal to figurative interpretations of a work of literature and to consider multiple interpretations of a text. The interrelationships between writer, reader, and analysis will be explored though advanced critical theory. This is a writing intensive course. Meets literature requirement for graduation.

ENG499
Senior Seminar (3 cr. hours)
Prerequisite: ENG142, earning a ‘C’ or better, 200 level ENG, CUL, or PHI, and Senior standing
Offered Spring
The capstone course for English majors. With guidance and regular meetings with a faculty member, this course is self-determined and self-directed project that shows depth of knowledge and critical and original thought. Grading will be performed by a committee of English faculty.

EQM: EQUINE BUSINESS MANAGEMENT

EQM257
Equine Nutrition (3 cr. hours)
Offered Spring even
This course covers the basics of equine nutrition including the classes of nutrients, nutrient requirements, balancing rations, and the different nutritional needs of equine populations (foals, broodmares, performance horses, etc.). Disease conditions of nutritional origin will be discussed.

EQM412
Management of the Equine Environment (3 cr. hours)
Prerequisites: EQM257, MGT339, SRM360
Offered Spring odd
From a management perspective, the equine environment is the most challenging of the different livestock species. The capstone equine course is designed to integrate the functional management concepts and techniques from the foundation courses in the equine management curriculum. It emphasizes the role of the general manager within an equine business, regardless of the industry, with an emphasis on strategic business planning.

FIN: FINANCE

FIN101
Personal Finance (3 cr. hours)
Offered Fall, Spring
This course describes the study of methods for planning and building financial resources, which can meet the goals of the individual and her (his) household throughout the changing life cycle. Focuses on money and property management, budgeting, income generation, asset protection, tax considerations, and estate planning.

FIN190, FIN290, FIN390, FIN490
Special Topics (3 cr. hours)
Prerequisite: None, unless listed in the schedule of courses.
Topics will vary. May or may not be writing intensive.

FIN201
Survey of Health Insurance in the United States (3 cr. hours)
Prerequisites: MGT140 and NAT150
This course includes understanding various health insurance plans and coverage. It explores the concepts of insurance as well as financial, legal and social issues related to the health insurance industry. The course focuses on reimbursement methods, and proper coding procedures and, in addition, addresses eligibility requirements, claims processing, collection, and patient accounting processes. It will instruct the student on the completion of insurance forms and interpretation of insurance codes. The course will provide each student with the framework for understanding the critical concepts and components of healthcare reimbursement and billing.

FIN301
Business Finance (3 cr. hours)
Prerequisites: ACC201, ECO221 or ECO222
Offered Fall, Spring
This course shall focus attention on the tools and concepts for financial decision making in five broad areas: financial management, valuation of financial assets, capital budgeting, capital structure, and working capital management. The study includes the time value of money, capital budgeting, sources of long-term capital and short-term financial management. Other topics will address financial ratio analysis, organization of financial markets, and international (global) finance.

FIN314
Risk Management and Insurance (3 cr. hours)
Prerequisite: FIN301
Offered Spring
Study of the content and application of uncertainty, risk, and the management of risk (selecting among “reduction, assumption, or transfer” techniques). The application of risk management to individuals, businesses, and the public, focusing on insurance and its remedies for risk.
FIN: FINANCE (continued)

FIN421 (w)
Investments (3 cr. hours)
Prerequisite: FIN301; this is a writing intensive course.
Offered Fall
The study of the institutions, instruments, markets, and theories of valuation and investment. Students shall be exposed to the valuation of debt (bonds) and equity (stock) instruments, including derivatives. Other topics shall include the Capital Asset Pricing Model (CAPM), the Capital Management Line (CML), the Security Market Line (SML), the Efficient Market Hypothesis (EMH) portfolio theory, and international diversification. This is a writing intensive course.

FIN426
International Finance (3 cr. hours)
Prerequisite: FIN301 or concurrent
Offered Spring
The study of the institutions, concepts, and instruments of international finance. Current and past international monetary systems shall be discussed. Special attention shall be directed to consideration of accounting, finance and taxation differences global companies (multinational companies – MNCs) experience in the domestic and foreign economies. Other topics shall include the determination of exchange rates and their macroeconomic linkages, the effect of exchange rates on current and capital account balances, and the techniques global companies can engage in to hedge exchange rate risk.

FIN470
Internship (3 cr. hours)
Prerequisite: Junior standing and permission of the School Dean or Designee.
Provides the student actual experience in applying the concepts, principles, and rules of finance in real-world circumstances. Hours and work assignments are arranged with the business or organizational sponsor on an individual basis.

FOR: FORENSIC PSYCHOLOGY

FOR105
Victimology (3 cr. hours)
Offered Spring
This course focuses on the victims rather than the offenders; why they have been recently rediscovered, why they often do not report crimes to police; how some victims might share responsibility for the crimes with the offenders; how they can be repaid for their losses through offender restitution and government compensation; and what new services are available to help victims prevent crimes and resist attacks. The social and emotional responses of victims to crime are examined.

FOR190, FOR290, FOR390, FOR490
Special Topics (3 cr. hours)
Prerequisite: None, unless listed in the schedule of courses. Topics will vary. May or may not be writing intensive.

FOR344 (w)
Psychology of Violence and Aggression (3 cr. hours)
Prerequisites: FOR105 and PSY101; this is a writing intensive course.
Offered Fall
Course examines the changes in the methods, patterns, and meanings of violence. Special attention is paid to individual and collective violence in the streets, in schools, at home, within the media, by the police, by terrorists and by the military. The major theories explaining the causes of violence, and important research about attitudes toward violence and the showing of force to bring about change are reviewed. This is a writing intensive course.

FOR347
Psychology of Sex Crimes (3 cr. hours)
Prerequisite: PSY101
Offered Spring odd
There are few crimes that shock people’s sensibilities as sex crimes. Sex offenders are the only type of criminal who have to register with local law enforcement, have restrictions on where they can live and can be involuntarily committed to a psychiatric hospital at the end of their prison sentence. This course explores the myths and realities surrounding the wide range of behaviors encompassed by sex crimes. Students will also analyze the underlying sexual motivation of certain crimes and their relevance to the investigation and treatment of sex offenders.

FOR365
Drugs and Society (3 cr. hours)
Prerequisites: PSY101 and PSY362
Offered Spring
Considers various types of drugs, dynamics of use, abuse, addiction, and recovery; social, legal, economic, and psychological impact on structure and function of society; current trends, diagnosis and treatment; prevention strategies.

FOR366
Substance Abuse (3 cr. hours)
Offered through Online & Off-Campus programs only
This is a comprehensive course that explores the topic of substance abuse from many perspectives including the history of drug abuse and drug laws; physiological and physical effects of drugs on the body, emotional, psychological, & social perspectives/ effects; the differentiation of use, abuse, and addiction and how they affect therapy; and comprehensive examination of therapies. The course provides an in-depth overview of the multi-faceted issues related to substance abuse.
FOR: FORENSIC PSYCHOLOGY (continued)

FOR423
Case Management (3 cr. hours)
Prerequisites: Senior standing and PSY362
Offered Fall
A study of the various supervision methods and considerations for effective intervention with the criminal justice client. Incorporates the skills of pre-sentence assessment and supervision planning, interfacing with other branches of the human service delivery system, and counseling techniques appropriate for use by the criminal justice worker.

FOR430 (w)
Crisis Intervention Strategies (3 cr. hours)
Prerequisites: Senior standing and PSY362; this is a writing intensive course.
Offered Spring
Focuses on the theory and practice of intervention in various acute situations common in work with criminal justice clients, e.g., domestic violence, suicide threat/attempt, physical or sexual abuse, and acute chemical dependency episodes.

FOR460 (w)
Psychology and Law (3 cr. hours)
Prerequisites: SOC250, SCS300 and Junior standing; this is a writing intensive course.
Offered Fall
Course studies the psychology assumptions that the law makes and the differences between law and psychology regarding models of behavior, theories of change, morality, and values. Role of psychology in the legal process, the rules of procedure, the jury system, and the psychologist in the courtroom are examined in depth. This is a writing intensive course.

FOR485
Death and Dying (3 cr. hours)
Prerequisites: PSY101 and SOC101
Offered Fall
This interdisciplinary course examines the reality of death and dying as it affects the helping professional, the terminal person, and the survivors. Incorporates the work of relevant sociological, philosophical, and religious viewpoints from a multicultural perspective.

FSC: FORENSIC SCIENCE

FSC115
Introduction to Forensic Science (3 cr. hours)
Co-requisite: FSC115L
Offered Fall, Spring
This course will provide a general introduction to the field of forensic science and its various functions and specialties from the crime scene to the laboratory.

FSC115L
Introduction to Forensic Science Lab (1 cr. hour)
Co-requisite: FSC115; The lab is required for the corresponding course unless a lab was previously completed with a grade of “C” or better. There will be a lab fee associated with this course.
Offered Fall, Spring
This course is a required complement to the lecture course. Students will be expected to apply the concepts learned in the lecture to the laboratory experiments. It is designed to provide a general introduction to the field of forensic science and the preservation of physical evidence from the crime scene to analysis in the crime laboratory.

FSC190, FSC290, FSC390, FSC490
Special Topics (3 cr. hours)
Prerequisite: None, unless listed in the schedule of courses.
Topics will vary. May or may not be writing intensive.

FSC215 (w)
Evidence Law and Ethics (3 cr. hours)
Prerequisites: FSC115 and ENG141; this is a writing intensive course.
Offered Spring
An examination of the principal rules of evidence applicable in the federal and states courts, and ethical considerations as applying to the collection, processing, analysis, evaluation and interpretation of evidence. Analysis of the relevant rules of evidence will be made alongside a broad overview of forensic science in the courtroom. This course will explore case law and ethical case studies as they apply to admissible evidence, how a forensic expert should testify to juries, and the extent to which the admission of forensic evidence assists juries. This is a writing intensive course.
GLM: GLOBAL LEADERSHIP HONORS

GLM190, GLM290, GLM390, GLM490
Special Topics (3 cr. hours)
Prerequisite: None, unless listed in the schedule of courses. Topics will vary. May or may not be writing intensive.

GLM205
Introduction to Global Studies (3 cr. hours)
Prerequisite: ENG141 or concurrent
Offered Fall, Spring
This course will introduce students to the concepts and complexity of globalization. Emphasis will be on how globalization impacts overall business practices. Attention will be given to cultural sensitivity and how today’s leaders need to adapt their behavior to meet these sensitivities. Students will also evaluate their current leadership skills.

GLM210H (w)
Markets and Economies (3 cr. hours)
Prerequisite: MGT201; this is a writing intensive course.
Offered Spring
An examination of the variety of markets and economies encountered in a globalized business environment. Particular attention is given to the predominant business models in various regions of the globe and interaction between businesses and their environments. The level of analysis is the organization embedded within national and ethnic cultures. This is a writing intensive course.

GLM310H (w)
Culture, Business and Markets (3 cr. hours)
Prerequisite: GLM210H; this is a writing intensive course.
Offered Fall
This course will develop awareness and knowledge of cultural influences on business. Students will develop a systematic approach to examine the cultural environment of business. Both affective and cognitive methodologies will be used. Students will develop skills for use in international business, learn a framework for understanding culture and address management and marketing issues. This is a writing intensive course.

GLM395H
Global Leadership Theory (3 cr. hours)
Prerequisite: GLM205
Offered Spring
This course examines theories and approaches to leadership in a global society. A variety of leadership models will be examined in relationship to the cultural complexity within the global business arena. Focus will be on leading across national borders and within multi-national companies. Students will also evaluate their current leadership skills.

GLM410H (w)
Global Leadership Professional Seminar (3 cr. hours)
Prerequisite: GLM310H, Senior standing; this is a writing intensive course.
Offered Fall
This course will draw on the previous courses in the GLM curriculum and present the students with assignments that require critically thinking about and applying concepts from the curriculum. Case studies from the Harvard Business Review will be used as the focal point for in-class discussions and a final paper will allow the students the latitude to apply their own learning to posed questions. This is a writing intensive course.

GLM470H
Internship/Experience (3 cr. hours)
Prerequisite: Junior standing and permission of the School Dean or Designee
Offered Fall
Global Leadership majors must complete a study abroad experience in one of the following ways: A one semester overseas educational program in a non-English speaking country; a 4-6 week internship program in a country outside of North America; and completion of an intensive language program, either inside or outside of the United States, with a minimum grade of ‘B’. Rosetta Stone programs with a competency exam (ie: CLEP) will meet this requirement.

HCA: HEALTHCARE ADMINISTRATION

HCA301
Healthcare Finance (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisite: ACC201 and ECO221
This course is designed to introduce students to financial concepts utilized within organizations and those that exist as unique to the healthcare industry. Application of concepts addressed within the course is emphasized.

HCA312 (w)
Healthcare Informatics (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisite: CIS111
This course provides the student with a comprehensive understanding of informatics in the healthcare industry. Healthcare informatics is addressed from a systemic, patient, management, and educational perspective.
**HCA: HEALTHCARE ADMINISTRATION (continued)**

**HCA318**
Healthcare Finance (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisite: ACC201 and ECO221
This course is designed to introduce students to financial concepts utilized within organizations and those that exist as unique to the healthcare industry. Application of concepts addressed within the course is emphasized.

**HCA312 (w)**
Healthcare Informatics (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisite: CIS111
This course provides the student with a comprehensive understanding of informatics in the healthcare industry. Healthcare informatics is addressed from a systemic, patient, management, and educational perspective.

**HCA318**
Human Resource Management for Healthcare Managers (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisite: MGT301
This course is an introduction to the human resource function and related elements and activities as they apply to the healthcare industry. The course outlines the roles and functions of members of the human resource department as well as educating others outside human resources in how their roles include human resource-related activities in healthcare.

**HCA355**
Healthcare Marketing (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisite: ECO221 or ECO222
Healthcare Marketing provides students with the exposure to essential marketing concepts and strategies utilized within the healthcare industry. Control and monitoring of healthcare marketing programs is emphasized to address the continual change in the healthcare industry.

**HCA362**
Managerial Design and Analysis for Healthcare (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisite: MAT174
This course is an introduction to research and its tools for the learner as both a consumer and producer of statistics and research. Specific emphasis is placed upon helping the student complete a research project and on understanding managerial decision-making as it pertains to the healthcare industry.

**HCA412**
Healthcare Systems and Governance (3 cr. hours)
Offered through Online & Off-Campus programs only
This course focuses on administration of complex health systems and individual organizations. Topics include organizational analysis, strategic planning, multi-organizational management issues, and evolving governance structures and methods in healthcare administration. The course will use quantitative methods to analyze many of the issues.

**HCA427**
Healthcare Operations (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisite: MAT174
This course applies planning and controlling concepts to increase the value of the supply chain to the healthcare supplier. Students learn to evaluate and improve processes. Other topics include process selection, process design, theory of constraints, project implementation, capacity planning, lean production, facility location and business forecasting that are unique to healthcare.

**HCA470**
Internship (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisites: Junior standing and permission of School Dean or Designee
Provides the student with on-the-job experience in varied aspects of healthcare management. Hours and work assignments will be arranged on an individual basis.

**HCA473**
Service Delivery of Acute Care Management (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisites: Any 300 level HCA
This course delves into an in-depth assessment of hospitals. Areas of study entail its foundational structure, leadership and management, clinical and non-clinical services.

**HCA474**
Social Aspects of Aging (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisites: Any 300 level HCA
This course introduces the student to core components and trends in social gerontology. Social, physical, economic, and political viewpoints are taken into account to assess the interdisciplinary nature within the field.

**HCA475**
Service Delivery of Long Term Care (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisites: Any 300 level HCA
This course introduces students to managing and leading the system of long-term care. Various elements of the system are addressed, reflecting on past, current, and future trends in the healthcare industry and aging population.
HCA491
Healthcare Administration Research Project (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisite: HCA majors only; Senior standing and permission of School Dean or Designee
The Research Project is a challenging part of the Healthcare Administration Major. It is demanding, but when it is finished, it will have a pattern of research that can be used for an individual’s entire professional career. The Research Project spans the complete curriculum. The Healthcare Administration Research Project involves the learner in choosing a problem to solve, thoroughly researching it, designing a specific plan of action, and writing an extended report. The Healthcare Administration Research Project will focus many of the new skills that have been learned from course work in this major. The project includes the practical application of the learning thus far achieved by the students. There is extensive brainstorming, giving and receiving feedback, and cooperative support from classmates. The project will require analysis and resourcefulness. This project is a complex and rewarding part of the learning experience.

HIS: HISTORY for MAJORS

HIS121 (w)
Thinking Historically (3 cr. hours)
Prerequisite: ENG141 or concurrent; this is a writing intensive course.
Offered Fall
Students will learn why history is important, as well as receive a brief historiographical survey of changing interpretations of historical study over time. They will next be introduced to the basic tools and methodology employed by historians. These include reading comprehension, using maps, understanding graphs and charts, analyzing sources, using Chicago Manual of Style for citations, test taking, and preparation and performance in history classes. This is a writing intensive course.

HIS122 (w)
Research and Writing for History (3 cr. hours)
Prerequisite: HIS121 earning a ‘C’ or better; this is a writing intensive course.
Offered Spring
This class is designed to develop the research and communication skills common to the history profession. Each student will complete a variety of research projects using primary and secondary source material, scholarly journals, oral histories, artifacts, and photographs. The advantages and shortcomings of online research will be presented. Students will also learn how to work successfully in groups to prepare and deliver an oral presentation of their joint research. This is a writing intensive course.

HIS231 (w)
Creating a Nation: The United States through the Civil War (3 cr. hours)
Prerequisite: HIS121 earning a ‘C’ or better; this is a writing intensive course.
Beginning with the Pre-Columbian Native American culture, the course investigates European colonization of the Americas, with emphasis on the English experience. The causes and key elements of the American Revolution are analyzed, as are the challenges faced and opportunities enjoyed by the newly independent nation. Students will explore the interacting social, political, economic, military, and religious themes that underscore the nation’s development. The course concludes with an investigation of growing tensions between the North and the South that emerged as the nation moved westward, generating irreconcilable conflicts that culminated in civil war. This is a writing intensive course.

HIS242 (w)
The United States, 1865-1945: Consolidation, Industrialization, & the Rise to Global Leadership (3 cr. hours)
Prerequisite: HIS121 earning a ‘C’ or better; this is a writing intensive course.
Efforts to reconstruct the South and uncertainty over the future of freed slaves following the Civil War provide the introduction for this class. Students will also trace the remarkable rise of industrialization and unionism, the “winning of the West,” the challenges of urbanization, unprecedented immigration around 1900, and the country’s growing commitment in Asia following the Spanish-American War. The uncertainties associated with capitalism are explored through investigations of the various depressions that rocked the nation periodically during the 19th and 20th centuries. Finally, an investigation of America’s role in two world wars helps students understand how the United States emerged as a world leader in 1945. This is a writing intensive course.

HIS267 (w)
The Challenges of Global Leadership: The United States after 1945 (3 cr. hours)
Prerequisite: HIS121 earning a ‘C’ or better; this is a writing intensive course.
The class follows the post-war trail of mutual misunderstanding and mistrust between the United States and the Soviet Union, which solidified into intransigent ideological positions during the nearly 4 decades of threat and counter-threat known as the Cold War. Seeking to check perceived Soviet expansion, the nation found itself embroiled in a number of wars in far-flung corners of the post-colonial world. At home, students will discover that the United States enjoyed unprecedented economic growth, but also stringent racial and gender equality debates, environmental issues, generational and cultural differences, and increasing commercialization. By the late 20th century, issues of globalization, terrorism, population growth and migration, growing political discord, and technological innovation left the United States facing a world of uncertainty, but also of opportunity. This is a writing intensive course.
HIS: HISTORY for MAJORS (continued)

HIS303 (w)
Dawn of Humankind: Civilizations Emerge and Develop (3 cr. hours)
*Prerequisite:* HIS121 earning a ‘C’ or better; this is a writing intensive course.
This course explores the birth and diffusion of world civilizations from the dawn of recorded history to 1350 CE. First, the course will begin by examining the development of early civilizations and then will follow their developments into the classical age by exploring the Mediterranean societies of Greece and Rome, the Indian subcontinent, China, and the Persian Empire. Finally, the course will conclude with the establishment of post-classical empires and the expansion of world religions. Over time, technology and human enterprise led to regular encounters between distant societies. This course highlights the ways these interactions came to shape the modern world. This is a writing intensive course.

HIS323 (w)
The Emerging West, Exploration, Colonization, and Commerce (3 cr. hours)
*Prerequisite:* HIS121 earning a ‘C’ or better; this is a writing intensive course.
This course will examine the coming of the modern age. An examination of Europe from the late Middle Ages into the late nineteenth century will allow students to explore the ways that Europeans began to value reason over pre-modern ways of understanding the world. This enormous change led to political, scientific, economic, social, and cultural changes both in European society and in the world at large. Students will investigate key events in European history such as the Renaissance, the Enlightenment, Exploration, the Industrial Revolution, and the creation of the modern nation-state, but particular attention will be paid to how each of these events impacted the Americas, Africa, Australia, and Asia. By examining each of these events from a global point of view, students will explore the ways in which knowledge and European ways of thinking influenced people around the world. This is a writing intensive course.

HIS410 (w)
The Inter-Connected World: Globalization In a Post-Colonial World (3 cr. hours)
*Prerequisites:* Prerequisite: HIS121 earning a ‘C’ or better; this is a writing intensive course. 
This course will explore the increasing dominance of Western ideas and how they continue to have an impact on societies around the world. With the expansions of empires into Africa, Asia, and Oceania, Europeans and Americans gained control over much of the world; and economies, politics, and culture became more intricately intertwined. The course will address the following topics: the spread of industrialization, how the west and non-west viewed one another, the global conflicts of the twentieth century, decolonization movements, the rise of fundamentalism and terrorism worldwide, the competition of human and natural resources, and the constant struggle between local diversity and globalization that characterizes the twenty-first century. This is a writing intensive course.

HIS425 (w)
Historiography (3 cr. hours)
*Prerequisite:* History major either enrolled in or has completed all major courses; this is a writing intensive course.
*Offered Fall odd numbered years*
This capstone course investigates how the study of history has evolved, with a special emphasis placed on competing historical theories. Using samples of historical writing from representative historians over time, students will seek to understand the role of objectivity and the temptations of manipulating the past to influence the future. In addition, they will learn how technology has influenced the profession. Material studied will include European as well as American historical thought and practice. This is a writing intensive course.

HIS: HISTORY for NON-MAJORS

HIS111
American Society to 1865 (3 cr. hours)
*Offered Fall odd numbered years*
This survey course focuses on the social, political, religious, economic and cultural experiences of the inhabitants of North America (excluding Canada) from colonization through revolution, to westward expansion and finally the American Civil War. Students learn the historical process, tracing themes through time and noting important connections among them. Students work with primary and secondary source materials to develop both content knowledge and process skills. History readily lends itself to an interdisciplinary approach; therefore, students should receive a variety of world-views experienced through a number of disciplines.

HIS112
American Society since 1865 (3 cr. hours)
*Offered Spring even numbered years*
This course surveys American History from Reconstruction, through late nineteenth century industrialization, into the development of the nation as a world power by the mid-twentieth century, and culminating in her role during the Cold War and beyond. Students learn the historical process, tracing themes through time and noting important connections among them. Students work with primary and secondary sources to complete at least one written project designed to develop critical thinking skills and reinforce the historical process. History readily lends itself to an interdisciplinary approach; therefore, students should receive a variety of world-views experienced through a number of disciplines.
HIS137
Civilizations of the World (3 cr. hours)
Offered Spring odd numbered years
Students will study the history of the major world civilizations. For each, they will learn about the origins, their contributions, and reasons for their collapse. A key component of the course will be to discover areas of similarity or overlap among the various civilizations studied.

HIS190, HIS290, HIS390, HIS490
Special Topics (3 cr. hours)
Prerequisite: None, unless listed in the schedule of courses
Topics will vary. May or may not be writing intensive.

HIS211
Western Society to 1500 (3 cr. hours)
Offered Fall even numbered years
This survey course focuses on the social, political, religious, economic, and cultural experiences of the inhabitants of the ancient Middle East, through Classical Greece and Rome, to the beginnings of the European nation-state. Students learn the historical process, tracing themes through time and noting important connections among them. In addition, they will work with primary and secondary sources to complete at least one written project designed to develop critical thinking skills and reinforce the historical process. History readily lends itself to an interdisciplinary approach; therefore, students should receive a variety of world-views experienced through a number of disciplines.

HIS225 (w)
United States Diplomatic History since 1895 (3 cr. hours)
Prerequisites: HIS112, ENG142; this is a writing intensive course.
Offered Fall even numbered years
This course seeks to explain the role of the military in the growth and expansion of the country's history. It begins with the early reliance on colonial militias, through nineteenth century wars of consolidation and expansion, to the emergence of the nation as a formidable world power in the two world wars of the twentieth century. From that point, the course will investigate the emphasis on a professional army over militias and the role of these forces in events around the world since 1945. This is a writing intensive course.

HIS226 (w)
United States Military History since 1895 (3 cr. hours)
Prerequisites: HIS112, ENG142; this is a writing intensive course.
Offered Spring even numbered years
This course seeks to explain the role of the military in the growth and expansion of the country's history. It begins with the early reliance on colonial militias, through nineteenth century wars of consolidation and expansion, to the emergence of the nation as a formidable world power in the two world wars of the twentieth century. From that point, the course will investigate the emphasis on a professional army over militias and the role of these forces in events around the world since 1945. This is a writing intensive course.

HIS312 (w)
History of the Middle East (3 cr. hours)
Prerequisite: ENG141; this is a writing intensive course.
Offered Fall
A survey of the history of the Middle East from the time of Muhammad (500 AD) through the beginning of the 21st century. Specific emphasis is placed on the 20th century and the decisions made that have resulted in the current world situation. The countries covered include Turkey, Syria, Lebanon, Jordan, Israel, Egypt, Saudi Arabia, Iraq, Iran and Afghanistan. This is a writing intensive course.

HIS320 (w)
Ohio History (3 cr. hours)
Prerequisite: ENG142; this is a writing intensive course.
Offered Spring even numbered years
This course introduces students to the history of the state of Ohio. It begins with the prehistory of native peoples, follows the struggles between native people and Europeans during the colonial period, and traces the development of the region after statehood in 1803. The course will address a wide range of topics including: the key role of Ohio during nineteenth century industrialization, its contributions to national politics, its changing demographics and developing economy during the twentieth century, and its relations with other states in the region. Student field trips and the use of primary sources in research will be encouraged. This is a writing intensive course.

HIS341
Latin American History (3 cr. hours)
This course is designed to provide a study of Latin American history, geography, and linguistic differences between peoples who speak Spanish. Students will explore Latin American history through the study of the historical forces and great movements from indigenous cultures, through colonialism, and to present day globalization.
HOS: HOSPITALITY MANAGEMENT

HOS104
Introduction to the Hospitality and Tourism Industry (3 cr. hours)
Offered Fall
A survey of the interrelated industries that comprise the number one employer in the world: tourism. Introduces the student to the major concepts and components that represent the following industries: lodging, resorts, vacation clubs and spas, restaurants, catering, attractions, theme parks, casinos, club management, convention and event planning, cruises, and tourism services.

HOS190, HOS290, HOS390, HOS490
Special Topics (3 cr. hours)
Prerequisite: None, unless listed in the schedule of courses.
Topics will vary. May or may not be writing intensive.

HOS215
Food Service and Safety Management (3 cr. hours)
Offered Fall
Students will be required to complete a program that is recognized by the National Restaurant Association Educational Foundation as a preferred Food Protection Manager Certification program. Topics include how to prepare for a health inspection, HACCP food safety assurance system, local, state and federal regulations and agencies, crisis management, and the significant impact of the food service industry.

HOS280
Hospitality Facilities Management (3 cr. hours)
Offered Spring
Standard operational functions and procedures involved in servicing the facility will be addressed. The property engineer's role as a manager will be stressed with regard to guest operations.

HOS330
Hospitality and Tourism Strategic Management (3 cr. hours)
Prerequisite: HOS104
Offered Spring
This course provides students with a perspective of managing a hospitality and tourism business through strategic eyes, utilizing the unique tools and techniques of the hospitality industry. This course will allow students to develop and implement sound hospitality strategies. Cases are used to provide actual applications of topics such as innovation, entrepreneurship, leadership, ethics, global management and franchising specific to the hospitality and tourism industry.

HOS470
Internship (3 cr. hours)
Prerequisite: Junior standing and permission of School Dean or Designee
Provides the student with on-the-job experience in varied aspects of hospitality and tourism management. Hours and work assignments will be arranged on an individual basis.

ITS: INFORMATION TECHNOLOGY

ITS106 (w)
Introduction to Computer Science (3 cr. hours)
Offered through Online & Off-Campus programs only
This course is designed to introduce students to the world of computers through teaching the basics behind computer science.

ITS120
Current Trends in Virtual Computing (3 cr. hours)
Offered through Online & Off-Campus programs only
This course will introduce students to trends in information technology to include topics such as virtualization, cloud computing, and Windows OS.

ITS215
Open Source Computing (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisite: ITS120
This course is designed to develop students' knowledge and aptitude in UNIX and Linux Operating Systems at a command line level.

ITS345
Computer Law and Ethics (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisite: CIT344
This course will provide an overview of the primary laws and regulations, domestic as well as international, concerning computer network operations, including those affecting computer network defense, computer network exploitation, and computer network attack.

ITS370
Server Administration (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisite: CIT361
This course prepares students to install, configure, and administer Windows Server Active Directory. Students will be prepared for the Microsoft MCSA certification on Windows Active Directory.

ITS375 (w)
Open Source Security (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisite: ITS215
This course prepares students to install, configure, secure and administer an Open Source Server. Students who take this course will be able to properly configure a Linux server for LDAP, Email, DHCP, DNS, and VPN access.
ITS430
Enterprise Administration (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisite: ITS370
This course will give a student extensive experience in Windows Server Management and Administration. Emphasis is on Windows deployment services, network infrastructure servers, RRAS, RADIUS, NAT, IIS, terminal services, imaging, virtual machines, network load balancing, backup strategies, and fault tolerance. This course will build a strong foundation in preparation for the Microsoft MCSA certification.

ITS465
Wide Area Networking and Switching (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisite: CIT362
This course prepares students for a portion of the CISCO Certified Network Associate (CCNA) Certification Examination. It prepares students with the knowledge and skills necessary to install, configure, update, and troubleshoot switched LANs and VLANs. Students will learn additional skills including classless IP addressing, configuring single area OSPF and EIGRP, switching concepts, configuring CISCO switches, configuration of VLANs, concepts and configuration of VTP, Access control lists, introduction to wireless LANs, advanced IP addressing techniques such as Network Address Translation (NAT), Port Address Translation (PAT), DHCP, and WAN technology and terminology, including PPP, ISDN, DDR, Frame Relay, network management, and introduction to optical networking. In addition, the students will prepare for taking the CCNA Exam.

ITS495 (w)
Capstone Project (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisite: CIS412
This course is designed to encompass every aspect of the Information Technology degree. Students will design a final project that includes aspects from networking, security, program management, computer law, hardware, Windows OS, Linux/Unix OS, and programming/scripting.

JUS110
Introduction to Criminal Justice (3 cr. hours)
Offered Fall, Spring
A survey of the criminal justice system and of its major subsystems: law enforcement, courts, and corrections. Emphasis will be not only on structure and functions of the various components, but also their interactions. The course will also introduce the student to the basics of criminal justice research through the use of the collection of the National Criminal Justice Reference Service and other professional sources of information.

JUS190, JUS290, JUS390, JUS490
Special Topics (3 cr. hours)
Prerequisite: None, unless listed in the schedule of courses.
Topics will vary. May or may not be writing intensive.

JUS201
Criminal Law (3 cr. hours)
Prerequisite: JUS110
Offered Fall, Spring
An analysis of criminal laws from their development under common law to their present day applicability under constitutional and statutory standards with special emphasis on practice with the Ohio Revised Code.

JUS202
Criminal Procedures (3 cr. hours)
Prerequisite: JUS201
Offered Fall, Spring
An understanding of the constitutional and other legal ramifications affecting the procedure of criminal arrest, search, seizure, and evidence.

JUS215
Homeland Security and the Legal System (3 cr. hours)
Prerequisite: ENF154, POL151 or CDS152
Offered Fall, Spring
This course will examine the Homeland Security Act of 2002 (organizational restructuring of U.S. investigative, security and catastrophic response agencies). An overview will be provided of the CONPLAN (U.S. Governments Interagency Domestic Terrorism Concept of Operations Plan). Presidential Directives 39 and 62, the Patriot Act and evolving case law will also be discussed. The legal approach to terrorism and homeland security will be examined along with the potential effect of these laws and procedures on the civil liberties of citizens of the United States. Additionally, there will be an analysis of international borders and airport security relating to the 4th Amendment.
JUS: CRIMINAL JUSTICE  (continued)

JUS361
Ethical Issues in Criminal Justice (3 cr. hours)
Prerequisites: JUS202 and any PHI
Offered Fall, Spring
This course is designed to identify and examine ethical issues among practitioners and students in the criminal justice fields. Such issues may include the discretionary power of arrest, the use of deadly force, the decision to prosecute, participation in plea bargaining, representation of the guilty, and the imposition of punishment, to name a few. The course will promote inquiry that combines ethical analysis with a practical awareness of the realities of the criminal justice system.

JUS461 (w)
Capstone Senior Seminar in Criminal Justice (3 cr. hours)
Prerequisite: ENF293 and Senior standing; this is a writing intensive course.
Offered Fall, Spring
A capstone course that will concentrate on contemporary problems in the criminal justice system. Will include a unit on career planning in the field of criminal justice. This is a writing intensive course.

JUS463 (w)
Applied Research Design (6 cr. hours)
Offered through Online & Off-Campus programs only
This is a writing intensive course.
This course provides a unique, integrative research experience. Students will learn the fundamental steps of the research process including formulating research questions, developing specific hypotheses, designing various types of studies, and collecting, analyzing and interpreting the results. With this knowledge, students will design, conduct, and write a formal report on a research project in a criminal justice agency. Students will stay current in the field by reading and understanding articles that appear in scholarly and professional journals. This is a writing intensive course.

JUS465
Criminal Trial Evidence (4 cr. hours)
Prerequisite: ENF460
This course is designed to prepare the criminal justice professional with knowledge and skills associated with the presentation of evidence at trial. Students will learn how to be a credible witness, the rules of evidence, and the procedure for getting evidence admitted at trial. A mock trial will take place so that students can practice and demonstrate the skills learned.

JUS497
Independent Research in Criminal Justice (3 cr. hours)
Prerequisite: Permission of the instructor
Designed to assist the student through advanced study of the literature germane to a specialized topic in the field. An in-depth review of the literature and/or a formal research project is required.

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LAW: BUSINESS LAW

LAW115
Survey of Healthcare Law in the United States (3 cr. hours)
Offered through Online & Off-Campus programs only
This course is designed to examine the current healthcare law and ethics relevant to the healthcare environment. Individuals who work in the industry much understand the principals of how law and ethics governs policies, processes, procedure, and patient care. Legal terminology, legal processes, regulations, limitations, patient confidentiality, privacy and a variety of ethical situations will be reviewed in detail. The solid foundation gained from this course will provide each student with the knowledge necessary to work within the legal parameters set currently within the industry.

LAW190, LAW290, LAW390, LAW490
Special Topics (3 cr. hours)
Prerequisite: None, unless listed in the schedule of courses.
Investigation of selected areas or contemporary problems. May or may not be writing intensive.

LAW211
Business Law I (3 cr. hours)
Prerequisite: ENGL141
Offered Fall, Spring
An examination of civil and criminal law and process and their interrelationship. The course also examines application of the Constitution to business with particular emphasis on the court system and administrative agencies. Substantively, the content areas of torts and contracts will be examined.

LAW212
Business Law II (3 cr. hours)
Prerequisite: LAW211
Offered Spring
Building on a basic understanding of contract law, the student will be introduced to the Uniform Commercial Code in the areas of sale of goods, commercial paper, and secured transactions. In addition, the law of agency and topics on partnership and corporations will be considered.

LAW260
Legal Issues in Sports and Recreation (3 cr. hours)
Prerequisite: LAW211
Offered Spring
Title IX, risk management, tort, liability, agency, contract, antitrust, constitutional, labor law and intellectual property law are examined as applicable for managers in the sport and entertainment industry. Actual court cases concerning legal issues are presented relating to sport events, special events, athletics, the hotel industry, tourist attractions, amusement parks and recreational settings.
LAW: BUSINESS LAW (continued)

LAW301
Legal Regulation of Business (3 cr. hours)
Prerequisite: LAW211
Offered as needed
This course will examine the broader legal aspects of governmental regulation of business in relation to public policy, social issues, and business ethics. Criminal laws affecting business legal intricacies of purchase, sale and transfers, survey of federal, state, local and international statutes affecting business such as bankruptcy laws, consumer protection laws, securities regulations and international trade laws will be studied.

LAW321
Employment and Labor Law (3 cr. hours)
Prerequisites: MGT201 and LAW211
Offered Spring
This course is an overview of various laws and regulations that determine the rights and obligations of employees and employers. Topics covered include the nature of the employment relationship and common law principles, prohibitions against discrimination on the basis of certain protected characteristics such as race and gender, wage and hour law, the Family Medical Leave Act, the National Labor Relations Act, and other similar areas of labor and employment law. The primary focus is on federal laws governing the employment relationship, but there will also be discussion of state and local laws.

LAW403
Healthcare Law (3 cr. hours)
Offered through Online & Off-Campus programs only
This course examines the ever-changing legal trends faced in the healthcare environment. This course will provide the student with the skills necessary to mitigate liability through risk management principles, develop relationship management skills, incorporate employment law procedures, and manage communication.

LAW406
Fraud Prevention and the Legal Environment (3 cr. hours)
Prerequisite: ACC405
Offered Spring
This course emphasizes Federal and State legislation related to fraud examinations including laws that govern civil and criminal prosecutions. Students will learn theory and practical application of financial investigation methods for both public and private sector organizations.

MAT: MATHEMATICS

MAT174
Finite Mathematics (3 cr. hours)
Prerequisite: By University placement
Offered Fall, Spring
This course applies mathematical techniques to solve real-world problems and involves the study of topics including linear models, systems of equations, financial math, and probability.

MAT181
College Algebra (3 cr. hours)
Prerequisite: By University placement
Offered Fall, Spring
The course topics include functions and graphs, polynomial and rational functions, exponential and logarithmic functions, matrices, and sequences.

MAT190, MAT290, MAT390, MAT490
Special Topics (3 cr. hours)
Prerequisite: None, unless listed in the schedule of courses
Topics will vary. These courses offer topics of special interest to students to further their interest and knowledge in the area of mathematics.

MAT251
Applied Mathematics (3 cr. hours)
Prerequisite: By University placement
Offered Spring odd numbered years
An applied approach of fundamental arithmetic and algebraic concepts and basic problem-solving skills. Emphasis is placed upon a problem-solving approach that requires students to be active participants in the examination of numerical concepts.

MAT271
Geometry for Middle School Teachers (3 cr. hours)
Prerequisite: MAT174/181
Offered Spring even
Considers synthetic methods, foundations of Euclidean geometry with a brief treatment of non-Euclidean geometry, and groups of transformations associated with geometry.

MAT273
Applied Statistics I (3 cr. hours)
Prerequisites: one of MAT174/181/251/281; A hand-held calculator with scientific functions is required.
Offered Fall, Spring
A study in descriptive and inferential statistical methods that aid decision-making. Includes the following topics: normal probability distributions, calculation of parameters from a universe, calculation of statistics from a sample, hypothesis testing, regression, and correlation.
MAT: MATHEMATICS (continued)

MAT275
Pre-Calculus (3 cr. hours)
Prerequisite: By University placement
Offered Fall
This course covers traditional pre-calculus topics, including topics from advanced algebra, trigonometry and analytic geometry.

MAT281
Calculus I (5 cr. hours)
Prerequisites: By University placement
Offered Fall
A first semester introductory course to graphical, numerical, and symbolic approach to differential calculus. Topics covered include functions, rates of change, limits, continuity, differentiability, rules of differentiation, and anti-differentiation. A study in the applications of calculus to motion, optimization, and related concepts.

MAT285
Calculus II (5 cr. hours)
Prerequisites: MAT281 or permission of instructor
Offered Spring
A continuation of the concepts learned in Calculus I. This course includes a study of the techniques and applications of integral calculus. Topics include calculus of transcendental functions including logarithmic, exponential, and inverse trigonometric functions. Techniques of integrations, sequences, and various series are covered.

MAT287
Discrete Mathematics (3 cr. hours)
Prerequisite: MAT285
Offered Spring
This course provides students with an introduction to discrete mathematics with the focus on mathematical reasoning, basic understanding of sets, functions, relations, algorithms, counting methods, graph theory and methods of proof.

MAT326
Statistics for Criminal Justice Majors (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisite: MAT174/181
This course provides the mathematical framework for the CJ capstone research methods class. It will provide students with a basic understanding of how to use data for research purposes. It will focus on the various statistical methods and formulas for analyzing and interpreting data.

MAT340
Probability Theory (3 cr. hours)
Prerequisite: MAT273, MAT287
Offered Spring
The mathematical concept of a game is an abstraction which encompasses conflict-cooperation situations in which strategy (not just chance) plays a role. Course topics include games in extensive form, pure and behavioral strategies; normal form, mixed strategies, equilibrium points; coalitions, characteristic-function form, imputations, solution concepts; related topics and applications. Probability space axioms; random variables, expectation, univariate and multivariate distribution theory; sequences of random variables, Tchebychev inequality, law of large numbers, and central limit theorem. The main goal of the course is for you to learn how to model real-world situations which require stochastic models (meaning random or probabilistic). We will spend a relatively small amount of time developing the theory of stochastic processes, and a relatively large amount of time trying to model real-world problems with tractable stochastic models. We will develop theory as it becomes useful for working out the predictions of the models. The main theoretical topics to be covered are: independence and conditional probability, Markov chains, branching processes, and Markov processes. If time allows, we will also discuss Brownian motion or other topics. We will discuss applications to gambling, stock prices, inventory policies, queueing, and many other things.

MAT370 (w)
Teaching Mathematics in Middle School (3 cr. hours)
This is a writing intensive course
Offered Spring even numbered years
This course will introduce students to current research and issues related to teaching mathematics in middle school. Students in this course will learn how to engage middle school students in meaningful mathematics, how to work with middle school students who are not meeting minimum standards and how to prepare middle school students for high school courses in mathematics. They will become knowledgeable about the current State of Ohio Math standards. This is a writing intensive course.

MAT373
Applied Statistics II (3 cr. hours)
Prerequisite: MAT273
Offered as needed
This course further develops topics introduced in Applied Statistics I. Additional topics covered will include analysis of variance, multiple regression, time series analysis, quality control and decision theory. The course makes use of available computer software as a problem-solving tool.
MAT385
Calculus III (5 cr. hours)
Prerequisite: MAT285
Offered Fall
A continuation of the concepts learned in Calculus II. This course includes an introduction to the calculus of vectors, vector-valued functions, and 3 dimensional surfaces. Topics include a development of vector calculus, motion in space, functions of two or more variables and their derivatives, multiple and partial integrals, and surface integrals.

MAT387
Differential Equations (3 cr. hours)
Prerequisite: MAT385
Offered Spring
This course studies methods for solving ordinary differential equations of first second and higher order. It includes applications, series, systems and numerical techniques. Differential equations are an excellent vehicle for displaying the interrelations between mathematics and the physical sciences. The student can see ways in which the solutions to specific problems have benefited from work of a more abstract nature.

MAT389
Introduction to Analysis (3 cr. hours)
Prerequisite: MAT385
Offered Fall
The real number system. Sequences, limits, and continuous functions in R and R. The concept of a metric space. Uniform convergence, interchange of limit operations. Infinite series. Mean value theorem and applications. The Riemann integral.

MAT392
Abstract Algebra (3 cr. hours)
Prerequisite: MAT287 and MAT385
Offered Spring
This course studies groups, rings, integral domains, fields and the development of various number systems. This course will provide the student with an introduction to the topics of abstract algebra so as to better understand its role in modern mathematics and its applications to other fields. In addition, this course will further develop the student’s problem-solving skills and ability to follow and to construct a rigorous mathematical proof.

MAT394
Complex Analysis (3 cr. hours)
Prerequisite: MAT389 Introduction to Analysis
Offered Fall
This is an upper division course covering the following topics: the real number system, Sequences, limits, and continuous functions in R, the concept of a metric space, uniform convergence, and the interchange of limit operations. Infinite series, Mean value theorem and applications, and the Riemann integral will also be studied in this one-semester class.

MAT396
Linear Algebra (3 cr. hours)
Prerequisite: MAT385
Offered Fall
This course studies systems of linear equations, vector spaces, linear transformations and matrices. It includes applications and theories. Linear algebra is valuable in illustrating a number of mathematical thinking processes that arise not only in linear algebra, but also in many other mathematical subjects. Understanding these thinking processes greatly reduces the time and frustration involved in learning advanced mathematics as well as in solving mathematical problems in general. It is also useful in solving a variety of problems arising in physics, chemistry, statistics, business and other areas.

MAT398
Game Theory (3 cr. hours)
Prerequisite: MAT281, MAT285 and MAT396
Offered Spring
This course will explore the multi-person decision-making situations when players' payoffs depend on other players' choices. The mathematical concept of a game is an abstraction which encompasses conflict-cooperation situations in which strategy (not just chance) plays a role. Theory and application will studied through games in extensive form, pure and behavioral strategies, normal form, mixed strategies, equilibrium points; coalitions, characteristic-function form, imputations, solution concepts; related topics and applications.

MAT420
Topology (3 cr. hours)
Prerequisite: MAT392, MAT396
Offered Spring
This three-credit course covers metric spaces; topological spaces; separation axioms; continuity, convergence, connectedness, and compactness; basic notions in homotopy theory; quotient spaces; and paracompactness.

MAT430
Number Theory (3 cr. hours)
Prerequisite: MAT287
Offered Spring
An introduction to classical results in analytic number theory, presenting fundamental theorems with detailed proofs and highlighting the tight connections between them. Topics covered include: the prime number theorem, Dirichlet L-functions, zero-free regions, sieve methods, representation by quadratic forms, and Gauss sums.
MAT: MATHEMATICS  (continued)

MAT432
Set Theory (3 cr. hours)
Prerequisite: MAT287
Offered Fall

MGT: MANAGEMENT

MGT121
How Business Works (3 cr. hours)
Students receiving credit for MGT201 may not enroll in this course, nor can the two courses be taken concurrently.
Offered Fall, Spring
This introductory course is designed to acquaint the student with a broad variety of topics that are fundamental to the understanding of business. These include the essentials of economics, finance, management, marketing, international business, strategy and ethics. The study and discussion of current issues in each of these areas will be used to increase the student’s understanding.

MGT140
Survey of Healthcare Organizations and Terminology (3 cr. hours)
This course includes an overview of the healthcare industry and the important concepts needed to manage in the healthcare field.

MGT151
Medical Terminology (3 cr. hours)
Prerequisite: NAT150
This course includes a comprehensive study of the basic structure of medical terminology that is necessary to work in healthcare. Spelling is emphasized as the student develops a professional vocabulary.

MGT161
Introduction to Business (3 cr. hours)
Prerequisites: ENG141; Students receiving credit for MGT201 may not enroll in this course, nor can the two courses be taken concurrently.
This course is designed to present students with a broad view of the functional departments of business such as management, marketing, finance, human resources, law, economics, communications, social responsibility and ethics in business. Using text, discussions and projects, students deepen their understanding of the role of the integration of functional departments within a successful business.

MGT190, MGT290, MGT390, MGT490
Special Topics (3 cr. hours)
Prerequisite: None, unless listed in the schedule of courses.
Topics will vary. May or may not be writing intensive.

MGT201 (w)
Management of Organizations (3 cr. hours)
Prerequisite: ENG141; this is a writing intensive course.
Offered Fall, Spring
This course will provide an overview of the internal workings of an organization. It will survey the functional areas such as finance, marketing, operations, information and decision support systems, and human resources. The course will also examine the nature of the managerial job. This is a writing intensive course.

MGT221
Supply Chain Management (3 cr. hours)
Prerequisite: MGT201, MAT273
Offered Spring
This course is an overview of supply chain management and will briefly cover the topics of procurement, lean organizations, Total Quality Management, logistics and materials management.

MGT243
Current Issues in Healthcare (3 cr. hours)
Prerequisite: MGT201
This course will address current and foundational topics in the healthcare industry necessary for complete, effective administration and management.

MGT301
Organizational Behavior (3 cr. hours)
Prerequisite: MGT201
Offered Fall, Spring
A study of the interface between the individual, the formal and the informal groups in organizational settings. Focus will be on individual growth, developing interpersonal skills, and understanding group dynamics.

MGT317
Human Resource Management (3 cr. hours)
Prerequisite: MGT301
Offered Fall, Spring
A study of the human resource function in business. Major areas of study will include staffing, recruitment, training and development, wage and salary administration, job analysis and evaluation, and labor relations.
MGT: MANAGEMENT (continued)

MGT 318
Total Compensation Management (3 cr. hours)
Offered Online only
Prerequisite: MGT 317
Offered Fall
A study of the total compensation management function in business, as evidenced through the human resource framework. Major areas of activity will include job analysis, job evaluation, establishing pay structures, and benefits.

MGT 320
Human Resource Risk Management (3 cr. hours)
Offered Online only
Prerequisite: MGT 317 and LAW 321
This course will examine the scope and role of HR in the occupational health and safety arena, the fundamental components of comprehensive programs and, more importantly, the interplay between these considerations and how important HR professionals are in their success. Topics covered include OSHA requirements, risk management and loss prevention, management of safety & workers’ compensation, employee assistance plans, preventative health issues, emergency response & preparedness, and developing a culture of safety, amongst others. There will be focus on the fundamental components of a comprehensive health and safety program to protect the employees in an organization and avoid costly liability.

MGT 321
Operations Management (3 cr. hours)
Prerequisite: MGT 201
This course deals with the managerial functions directly related to the production and delivery of goods and services. Topics covered include manufacturing and service organizations, facility location and layout, MRP forecasting, scheduling, quality assurance and project management.

MGT 324
Logistics and Distribution (3 cr. hours)
Prerequisites: MKT 151 and MGT 221
Offered Fall
A study of the movement of material and information throughout the supply chain. Topics include transportation, storage, DRP, warehouse selection and location, and distribution.

MGT 351 (w)
Managing Diversity in the Workplace (3 cr. hours)
Prerequisite: MGT 201; this is a writing intensive course.
Offered Fall, Spring
In the context of the growth of multinational enterprises and the increasing diversity of the American workforce, this course deals with gender, racial, age, cultural, and other differences in the workplace. The course will focus on being open, sensitive, and fair in dealing with differences and on using diversity as positive force within organizations. This is a writing intensive course.

MGT 356
Quality Management (3 cr. hours)
Prerequisites: MGT 221
Offered Spring
A study of Quality Management principles and philosophy including the ideas of Deming, Juran and Crosby, employee involvement, Kaizen, statistical process control, and Six Sigma.

MGT 359
Small Business Management (3 cr. hours)
Prerequisites: MGT 201 and Junior standing
Offered Spring
A study and analysis of the problems of operating a small business. Additionally, a discussion of the how’s, what’s and why’s an individual would consider in developing their own business. All areas of managing an entrepreneurial operation will be covered such as marketing, finance and financial controls, government regulations and strategic planning.

MGT 361
Managerial Research Design and Analysis (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisite: MAT 174/MAT 181/MAT 251
This course is an introduction to research and its tools for the adult learner as both a consumer and producer of statistics and research. Specific emphasis is placed upon helping the student complete the Action Research Project and understand managerial decision-making.

MGT 402
Training and Development (3 cr. hours)
Offered Online only
Prerequisite: MGT 317
Offered Fall
An advanced course designed to develop knowledge and skill in the design, development, delivery and evaluation of organizational and mob-related training and performance improvement programs.
MGT: MANAGEMENT (continued)

MGT404
Organization Theory (3 cr. hours)
Prerequisite: MGT301 or GLM310H
Offered Spring
An overview of organizations drawing upon the concepts of social and cultural anthropology, political science, strategic management, and organizational behavior. Topics covered will include organizational types, structure and design, culture, power and conflict, and environmental relationships.

MGT411
International Management (3 cr. hours)
Prerequisite: MGT301 or GLM310H
Offered Fall, Spring
This course focuses on business across national boundaries. Topics covered include functional areas of management in MNES, impact of policy, society, economy, and geography on the international business environment and global strategic management.

MGT422
Materials Management and Procurement (3 cr. hours)
Prerequisites: LAW211 and MGT221
Offered Fall
Studying the requirements for managing the flow of materials in various processes to include planning and inventory control. The nature of the procurement function in organizations, including supplier relations, supplier selection, issuing of contracts, and contract law as it relates to procurement, long-term partnering and make versus buy decisions.

MGT434
Design Thinking & Process (3 cr. hours)
Prerequisites: MGT201, any ART course
Design thinking is an iterative, problem-solving process of discovery, ideation, and experimentation that employs design-based techniques to gain insight and yield innovative solutions for virtually any type of organizational or business challenge. In this course, students will examine the steps of the design thinking process and become familiar with the design processes. Students will develop skills as ethnographers, visual thinkers, strategists, and storytellers through lectures, discussions and collaborative projects. Students will directly apply what they have learned to challenges about which they are passionate. By the end of the course, the student will have iteratively moved between the scholar and practitioner roles. Students will untangle the complexities of related policy and explore innovative ways to create real impact.

MGT443
Strategic Human Resource Management (3 cr. hours)
Offered Online only
Prerequisites: MGT318, MGT320 and LAW321
The course focuses on opportunities, planning, and emerging issues related to strategic human resource management. Learners will explore the alignment of business strategies and human resource management. Strategic human resource management will be defined and understood, emerging challenges will be discussed, how to strategically manage organizational change, and understanding the rationale for the creation of new roles and expectations of organizations required to be successful strategic business partners will be examined.

MGT455
Lean Organizations (3 cr. hours)
Prerequisite: MGT221
Offered Spring
The application of just-in-time principles throughout the supply chain, including how to define and eliminate waste; the utilization of information in lieu of inventory; Pull versus Push systems; Kanban signaling and material coordination; and an in-depth look at the Toyota Production System.

MGT470
Internship (3 cr. hours)
Prerequisite: Junior standing and permission of the School Dean or Designee
Provides the student with on-the-job experience in varied aspects of management. Hours and work assignments will be arranged on an individual basis.

MGT475
Internship and Professional Development Seminar (3 cr. hours)
Prerequisite: Senior standing
Offered Fall
This class is open to any business major. Students will be required to gain a minimum of 150 hours of volunteer or paid practicum experience related to their chosen field. Students are required to maintain a weekly journal blog and a daily log sheet provided by the faculty. Hours may be accumulated from May 15 during the summer preceding the class. In addition, the course will cover such elements as electronic portfolios, interviewing, dining etiquette, and business career information.
MGT: MANAGEMENT (continued)

MGT491
Management Research Project (3 cr. hours)
Offered through Online programs only
Prerequisite: MGT majors only; Senior standing and permission of School Dean or Designee
The Research Project is a challenging part of the Management Major. It is demanding, but when it is finished, it will have a pattern of research that can be used for an individual's entire professional career. The Research Project spans the complete curriculum. The Management Research Project involves the learner in choosing a problem to solve, thoroughly researching it, designing a specific plan of action, and writing an extended report. The Management Research Project will focus many of the new skills that have been learned from course work in this major. The project includes the practical application of the learning thus far achieved by the students. There is extensive brainstorming, giving and receiving feedback, and cooperative support from classmates. The project will require analysis and resourcefulness. This project is a complex and rewarding part of the learning experience.

MGT495 (w)
Organizational Strategy (3 cr. hours)
Prerequisites: BBA major, FIN301 and Senior standing; this is a writing intensive course.
Offered Fall, Spring
An advanced course designed to integrate the functional concepts and techniques from the foundation courses in the curriculum. It provides the student with a thorough appreciation of the role of the general manager, with emphasis on strategy formulation and implementation. This is a writing intensive course.

MKT: MARKETING

MKT151
Introductory Marketing (3 cr. hours)
Offered Fall, Spring
This course exposes the student to the vocabulary of marketing and introduces many of the major principles and theories of the discipline. The focus of the course is on marketing's relationship to the other business functions and on marketing function management as opposed to day-to-day marketing operations.

MKT190, MKT290, MKT390, MKT490
Special Topics (3 cr. hours)
Prerequisite: None, unless listed in the schedule of courses.
Topics will vary. May or may not be writing intensive.

MKT252
Buyer Behavior (3 cr. hours)
Prerequisite: MKT151
Offered Fall
This course introduces the basic processes of and influences upon decision-making by both individual consumers and organizational buyers, as well as the implications of such information toward the development of marketing strategies.

MKT253
Marketing Communications (3 cr. hours)
Prerequisites: MKT151 and MGT201
Offered Spring
This course deals with operation and management of the advertising and promotion function with respect to both its positions within the marketing system and its relationship to the other business functions.

MKT350
Retailing Management (3 cr. hours)
Prerequisite: MKT252 or MKT253
Offered Fall
This course includes discussions of retailing functions and management of retailing as a system. Emphasis is on understanding the external environment of retailing and on the creation of an appropriate internal environment.

MKT354
Personal Selling (3 cr. hours)
Prerequisite: MKT151
Offered Fall
Personal Selling focuses on customers as individuals rather than target market groups. To do this, the student salesperson will learn to tailor sales call approaches and presentations, negotiation strategies, and service provisions to a specific person and organization. Given the independent nature of professional sales positions, the course also examines motivation, time management, and ethical issues.

MKT357
Business Marketing (3 cr. hours)
Prerequisite: MKT253
Offered Spring
Focusing on function management rather than function operation, this course explores in detail the nature of business-to-business markets and the differences in industrial buyer behavior and the marketing mix from that encountered in consumer markets.
MKT: MARKETING (continued)

MKT364
Event Marketing and Management (3 cr. hours)
Prerequisites: MKT151, MGT201 and Junior standing
Offered Spring
Examines the practices for scheduling, planning, organizing, promoting, and supervising commercial and private events. Business planning is emphasized as students are familiarized with theories, terminology, and logistics for marketing, promotions, management, decision making, and analyses of customer behavior. This course emphasizes the creation and implementation of core documents to present to prospective investors, clients, and employees.

MKT402 (w)
Marketing Research (3 cr. hours)
Prerequisites: MAT273; this is a writing intensive course.
Offered Fall
This course provides a study of marketing function information needs as well as an understanding of operating and managing the research process. This research process and its integral parts are studied in detail from the perspectives of providing actionable results and marketing controls. This is a writing intensive course.

MKT404
Global Marketing (3 cr. hours)
Prerequisites: MKT151
Offered Spring
This course examines the increasingly global nature of marketing management and addresses the issues involved when organizations expand into the arena of international competition. Particular attention is paid to the differences between cultures and the importance of sensitivity to them.

MKT470
Internship (3 cr. hours)
Prerequisite: Junior standing and permission of the School Dean or Designee
Under faculty member guidance and reporting to an agent of a selected firm the individual student works in some aspect of the marketing field: e.g., retail or wholesale sales, advertising and promotion or distribution. This real-world work experience contributes directly and substantially to the student's major area of marketing interest. Work assignments are arranged on an individual student/company basis.

MKT491 (w)
Marketing Research Project (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisite: MKT majors only; Senior standing and permission of School Dean or Designee
The Research Project is a challenging part of the Marketing Major. It is demanding, but when it is finished, it will have a pattern of research that can be used for an individual's entire professional career. The Research Project spans the complete curriculum. The Marketing Research Project involves the learner in choosing a problem to solve, thoroughly researching it, designing a specific plan of action, and writing an extended report. The Marketing Research Project will focus many of the new skills that have been learned from the course work in this major. The project includes the practical application of the learning thus far achieved by the students. There is extensive brainstorming, giving and receiving feedback, and cooperative support from classmates. The project will require analysis and resourcefulness. This project is a complex and rewarding part of the learning experience.

MUP: MUSIC - PROFESSIONAL

MUP101
Music Fundamentals I (1 cr. hour)
Prerequisite: No musical background is required or expected. Access to a piano/keyboard and music notation software is required.
Offered Fall
An introduction to the elements of music, including study of the staff, clefs, key signatures, scales, time signatures, notation, meter and rhythm, major and minor chords, song writing techniques, application of theory at the keyboard, and rhythmic, melodic, and harmonic ear training. No musical background is required or expected. Access to a piano/keyboard and music notation software is required.

MUP102
Music Fundamentals II (1 cr. hours)
Prerequisite: MUS101 or by permission
Offered Fall
An introduction to elements of music including the study of basic functional harmony, minor scales, song writing techniques, rhythmic, melodic, and harmonic ear training, and application of theory at the keyboard. Access to a piano/keyboard and music notation software is required.

MUP121
Musicianship I (3 cr. hours)
Offered Fall even numbered years
This course covers the basics of music theory, including concepts of sound, music notation, rhythm, meter, intervals, modes, scales, and triads. Additionally, students will learn functional/foundational keyboard skills and how to apply these basic theoretical concepts to a keyboard instrument.
MUP122
Musicianship II (3 cr. hours)
Offered Spring odd numbered years
This course is a continuation of MUP121 of music theory, including concepts of sound, music notation, rhythm, meter, intervals, modes, scales, and triads. Additionally, students will learn functional/foundational keyboard skills and how to apply these basic theoretical concepts to a keyboard instrument.

MUP190, MUP290, MUP390, MUP490
Special Topics (3 cr. hours)
Prerequisite: None, unless listed in the schedule of courses.
Topics will vary. May or may not be writing intensive.

MUP221
Musicianship II (3 cr. hours)
Prerequisite: MUP121
Offered Spring odd numbered years
This course presents an expanded understanding of basic music theory concepts through the use of harmonic analysis, composition, sight singing, ear training, and transcription. Students will also learn how these concepts apply to keyboard instruments playing scales, chords and harmonic progressions.

MUP240
The Rhythm Section (3 cr. hours)
Offered Spring odd numbered years
This course is designed to introduce students to playing and performing in a pop, jazz or rock rhythm section. Students learn the rhythm section roles and functions of keyboard, guitar, bass and drums, and over the course of the semester are introduced to basic playing technique on three different instruments. The course focuses on playing together in small groups of three or four students and is open to all students regardless of major or experience level.

MUP321
Musicianship III (3 cr. hours)
Prerequisite: MUP221
Offered Fall odd numbered years
This course addresses harmonic and formal analysis, basic part-writing techniques, and gives students a survey of compositional techniques used in Classical, Jazz, and Pop/Contemporary music. Students will simultaneously learn to apply these techniques to keyboard instruments through use of chord/melody playing, stylistic tendencies and practices, and the realization of printed sheet music (lead sheets, chorales, etc.).

MUP322
Musicianship IV (3 cr. hours)
Prerequisite: MUS321
Offered Spring even numbered years
This course presents students with advanced theoretical concepts by way of composition, basic arranging and orchestration, analysis, transcription and the development of advanced aural skills. Keyboard skills studied include the playing of advanced scales, chord inversions, basic accompanying, printed music interpretation, improvisation and sight-reading. The course requires students to demonstrate a minimum level of functional keyboard proficiency.

MUP351 & MUP352
Music Listening and Analysis I & Music Listening and Analysis II (3 cr. hours each)
Prerequisite: MUP221; Must be taken in sequence
MUP351
Offered Fall odd semesters, MUP352 Offered Spring even semesters
This sequence is designed to give students an exposure to the evolution of music history, but with an approach that differs from traditional music history courses. Instead of presenting dozens of musical styles and hundreds of composers and performers, the courses explore a limited number of significant pieces at a greater depth, using these representative examples to develop students’ critical listening and analytical skills, aesthetic sensibilities, and historical and sociological awareness. This approach allows students to be better equipped to pursue their own study of music that most interests them and is most applicable to their own career aspirations.

MUP440
Teaching Music (3 cr. hours)
Prerequisite: MUP321
Offered fall even years
This course is designed to give students the experience they will need to succeed as entrepreneurial musicians running their own private teaching studio and leading their own musical ensembles. The course focuses on basic classroom, studio and ensemble pedagogy; and on helping students develop skills that will help them succeed as teachers, bandleaders, managers and performers. This course was developed to address some of the most important skills not taught in other university music programs.
**MUS: MUSIC**

**MUS100**
Music Convocation (0 cr. hour)
This course requires students to attend on-campus recitals, workshops, presentations and master classes, presented by University staff, faculty and students. These convocations will be held one hour per week at a consistent time, e.g. Wednesdays at noon.

**MUS110/210/310/410**
Instrumental Ensembles (1 cr. hour)
*Offered Spring*
Students in University bands explore a variety of musical styles, forms, and genres, and are taught technique, music literacy, forms and styles, in order to achieve both the individual's musicianship growth and the development of the entire ensemble. Students will be subject to individual performance evaluations, and involvement in performances on campus, off campus, and on tour may be required.

**MUS111/113/211/213/311/313/411/413**
Instrumental or Vocal Music Ensembles (0 cr. hour)
This course, typical of university music curricula, allows music ensemble participation that would otherwise carry academic credit, to be reflected on members of TU choirs and bands whose academic plan does not afford room for enrolling in the existing for-credit ensemble courses. Pass/Fail

**MUS112/212/312/412**
Choral Ensembles (1 cr. hour)
*Offered Spring*
Students in University choral and vocal ensembles explore a variety of musical styles, forms, and genres, and are taught technique, music literacy, forms and styles in order to achieve both the individual's musicianship growth and the development of the entire ensemble. Students will be subject to individual performance evaluations, and involvement in performances on campus, off campus, and on tour may be required.

**MUS115/215/315/415**
Private Music Instruction: Primary Area (1 cr. hour)
*Private music instruction fee required*
*Offered Fall*
This individual study is based on fundamentals of technique and basic musicianship on the student's primary performance area, which may include vocal or instrumental music, music production and/or beatmaking, or music composition and arranging. Students meet with an instructor of their given performance medium 50 minutes per week for private lessons in order to address individual issues related to the student's individual technical and artistic development. A final examination is conducted by jury. Private music instruction fee required.

**MUS116/216/316/416**
Private Music Instruction: Primary Area (1 cr. hour)
*Private music instruction fee required*
*Offered Spring*
This individual study is based on fundamentals of technique and basic musicianship on the student's primary performance area, which may include vocal or instrumental music, music production and/or beatmaking, or music composition and arranging. Students meet with an instructor of their given performance medium 50 minutes per week for private lessons in order to address individual issues related to the student's individual technical and artistic development. A final examination is conducted by jury. Private music instruction fee required.

**MUS117/217/317/417**
Private Music Instruction: Secondary Area (1 cr. hour)
*Private music instruction fee required*
*Offered Fall*
This individual study is based on fundamentals of technique and basic musicianship on the student's secondary performance area, which may include vocal or instrumental music, music production and/or beatmaking, or music composition and arranging. Students meet with an instructor of their given instrument or performance medium 50 minutes per week for private lessons in order to address individual issues related to the student's individual technical and artistic development. A final examination is conducted by jury. Private music instruction fee required.

**MUS118/218/318/418**
Private Music Instruction: Secondary Area (1 cr. hour)
*Private music instruction fee required*
*Offered Spring*
This individual study is based on fundamentals of technique and basic musicianship on the student's secondary performance area, which may include vocal or instrumental music, music production and/or beatmaking, or music composition and arranging. Students meet with an instructor of their given instrument or performance medium 50 minutes per week for private lessons in order to address individual issues related to the student's individual technical and artistic development. A final examination is conducted by jury. Private music instruction fee required.

**MUS190, MUS290, MUS390, MUS490**
Special Topics (3 cr. hours)
*Prerequisite: None, unless listed in the schedule of courses.*
Topics will vary. May or may not be writing intensive.
MUS: MUSIC (continued)

MUS223
Music Appreciation (3 cr. hours)
Offered Fall, Spring
The course focuses on the aesthetics of music, listening skills necessary to fully appreciate music, and the societal and cultural roles that music plays. Various folk and art musical styles will be studied, with attention to their historical evolution and influence on one another.

MUS230
Introduction to Sound and Recording Technology (3 cr. hours)
Prerequisite: MAT174/181 or concurrent
Offered Fall odd numbered years
Students will explore the basic principles involved in the process of sound reinforcement and recording, including microphones and the principles of sound transduction, basic analog audio electronics, device interconnection, shielding and grounding, analog-to-digital conversion, magnetic recording processes in both analog and digital systems, and standard practices of recording, mixing, editing and mastering. Studio and live sound equipment are used in class, in studio exercises, and student projects.

MUS324 (w)
Survey of American Popular Music (3 cr. hours)
Prerequisite: ENG142; this is a writing intensive course.
Offered Spring even numbered years
This course is designed to provide a general historical overview of the development of popular music in the United States. Students will learn to listen closely and critically to popular musical styles, appreciate the historical and social contexts of popular music, understand some of the people, institutions and conditions that have shaped popular music, and think creatively and critically about the cultural role of popular music. This is a writing intensive course.

MUS327
Survey of Music Business (3 cr. hours)
Offered Fall even numbered years
Focuses on the history, procedures, standard practices, economics and technologies involved with all facets of the business of music. Significant objectives include an understanding of important approaches to the recording industry, recognizing other areas of the music industry and understanding how the different areas interrelate. A careful examination of the economic considerations driving the music business will be discussed.

MUS330
Recording Studio Performance & Practice (3 cr. hours)
Prerequisite: MUS230
Offered Spring even numbered years
This course is designed to explore intermediate and advanced principles regarding recording practices and the principles of sound transduction. This will include basic signal flow analyses, digital and analog sound synthesis, advanced microphone selection and placement techniques, MIDI mapping, audio sampling and sequencing using analog and digital interfaces, advanced audio editing using digital audio workstations, basic mixing and mastering techniques and basic sound repair and maintenance. Studio and live sound equipment will be used in class, studio exercises, and student projects.

MUS427
Music Business Seminar (3 cr. hours)
Prerequisites: MUS230, MUS324, and MUS327
Offered Spring odd numbered years
This course provides students with the opportunity to explore the current state and the future of the recording industry, music publishing industry, and music industry and intellectual property law. Students conceive and develop ideas and proposals for musical entrepreneurship, and create an individual project that draws together work from previous courses and their own musical and professional experience.

NAT: NATURAL SCIENCES

NAT114
Survey of Science (3 cr. hours)
Offered Fall, Spring
A general science course that entails a brief overview of the major science disciplines of biological science, earth science, physics, and chemistry. The student will be able to demonstrate knowledge of basic concepts and principles of biology, earth/space science, chemistry, and physics and demonstrate an understanding for the process of scientific discovery and their implications in our society.

NAT124 (w)
Introduction to Athletic Training (3 cr. hours)
Offered Spring
This course emphasizes the prevention, recognition, and treatment of athletic injuries. Taping, wrapping, and reconditioning of athletic injuries are also covered in this course. Additionally, First Aid and CPR are a part of the curriculum.
NAT146 (w)
Introduction to Exercise Science (3 cr. hours)
This is a writing intensive course.
Offered Spring
This course is designed to introduce students to the field of Exercise Science as well as to prepare students for further courses in the curriculum. Students will be introduced to topics such as the history of Exercise Science, anatomy, exercise physiology, exercise epidemiology, exercise nutrition, biomechanics, motor control and motor learning, and exercise and sport psychology. This is a writing intensive course.

NAT150
Introduction to Anatomy & Physiology (3 cr. hours)
Co-requisite: NAT150L
Offered Fall
This course will provide students with an introduction to the structure and function of each body system. The most common diseases and disorders are explored to understand the physician's diagnosis and treatment. Correct spelling of corresponding terminology is emphasized.

NAT150L
Introduction to Anatomy & Physiology Lab (1 cr. hour)
Co-requisite: NAT150
Offered Fall
This laboratory will cover foundational anatomy & physiology concepts via the use of virtual dissection, imaging, and histology. The lab allows students to interactively label, dissect, and identify various structures of the human body. This lab is an excellent tool that allows students to implement theoretical concepts and nomenclature of the human body into practice.

NAT190, NAT290, NAT390, NAT490
Special Topics (3 cr. hours)
Prerequisite: None, unless listed in the schedule of courses
Topics will vary. These topics will be of special interest to students to further their interest and knowledge in the area of natural science.

NAT201
Principles of Physical Science (3 cr. hours)
Offered Fall even numbered years
An introductory study of physics, chemistry, astronomy, earth science, and weather. The following topics are explored: motion, energy, heat, wave motion, sound, light, atomic structure, elements, chemical change, the universe, the solar system, rocks and minerals, earthquakes, weathering and erosion, volcanoes, plates, the atmosphere, clouds, storms, tornadoes, and climate.

NAT205
Earth Science (3 cr. hours)
Offered Spring odd numbered years
An introduction to the basic concepts of earth sciences. Topics to be covered include the structure and composition of earth, physical and chemical processes shaping the earth, types and distribution of rocks and minerals, natural resources, and environmental and economic impacts of the earth.

NAT210
Oceanography (3 cr. hours)
Offered Fall odd numbered years
An introductory course dealing with the basic physical and chemical aspects of oceanography. Topics to be covered include the origin and evolution of oceans, physical, and chemical properties of ocean waters, physical and chemical processes operating in oceans, climate/weather patterns, and the interaction between humans, oceans, and the atmosphere.

NAT215
Environmental Science (3 cr. hours)
Offered Spring even numbered years
An introduction to the basic chemical, physical, and geological aspects of environmental sciences. Topics to be covered include ecosystems, physical, chemical, and geological processes involved in shaping the environment, political, economic, and social impacts of the environment, pollution, and the major contemporary environmental issues with examples from Ohio and surrounding states.

NAT220
Survey of Health Issues (3 cr. hours)
Offered Fall odd numbered years
Health decisions made today are the building blocks for future personal health. This course will assist the student in making personal health decisions by introduction of resources and information pertaining to various health issues, health trends and examination of issues pertinent to the life of today's college student.

NAT225
Motor Development (3 cr. hours)
Offered Spring
Students in this course will learn the processes and mechanisms underlying the development of motor skills from birth to adulthood. The study of neurological, physiological, intellectual, social, and emotional factors that influence gross and fine movement activities will be included in this course.
NAT: NATURAL SCIENCES (continued)

NAT260
Lifetime Fitness and Wellness (3 cr. hours)
Offered Fall
This course examines the development of wellness plans including nutrition and diet plans, exercise programs, health related physical fitness, healthy lifestyles and positive decision-making skills. Wellness evaluation and assessment are also included.

NAT275
Introduction to General Chemistry (3 cr. hours)
Prerequisites: MAT174/181, and basic chemistry or biology recommended
Offered Spring
The General Chemistry course is a 3 credit hour lecture class with no laboratory required. The course is an introduction to the basic concepts of chemistry and will serve as the chemistry requirement for the General Science major and for the training of Middle School teachers.

NAT291 (w)
Drugs and the Body (3 cr. hours)
This is a writing intensive course.
Offered Spring odd numbered years
The focus of this course is to develop an effective perspective on the multifaceted aspects and problems associated with drug use, abuse, addiction, and treatment. This is a writing intensive course.

NAT312
Environmental Health (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisites: CHM131 and CHM131L
This course provides exposure to foundational and emerging issues in environmental health. Impact on human health and approaches to improve current status of the environment are addressed. This course also examines the application of tools to access environmental disease within various domains.

NAT315
Biomechanics of Sport and Exercise (3 cr. hours)
Prerequisite: NAT315L
Offered Fall
This course is designed to introduce students to the tools and techniques for motion analysis, mechanical concepts, forces and performance analysis related to the anatomical and mechanical bases of human movement.

NAT315L
Biomechanics of Sport and Exercise Lab (1 cr. hour)
Prerequisite: NAT315; There will be a lab fee associated with this course.
Offered Fall
This course is designed to introduce students to the tools and techniques for motion analysis, mechanical concepts, forces and performance analysis related to the anatomical and mechanical bases of human movement. The course will provide students with practical laboratory experiences related to the field of biomechanics.

NAT316
Nutrition for Sport and Exercise (3 cr. hours)
Offered Spring
The course will examine the effects of many of the macronutrients and micronutrients and the specific contexts in which exercise and nutrition interact to cause predictable outcomes in health and performance.

NAT321
Community and Public Health (3 cr. hours)
Offered through Online & Off-Campus programs only
Prerequisite: MGT140
Students are provided with an overview of past, current, and future status of community and public health, with emphasis placed on awareness and methods to improve existing status. Current health of the nation and society is assessed.

NAT322
Kinesiology (3 cr. hours)
Offered Fall
The scientific study of human movement has been defined as Kinesiology, also known as human kinetics. This course will examine the relationship of the anatomical, physiological, and the mechanical principles of human motion.

NAT342
Exercise Assessment and Prescription (3 cr. hours)
Prerequisite: BIO312 and BIO312L Co-requisite: NAT342L
Offered Fall
This course is based on the study of methods of determining fitness levels and developing safe exercise programs. In this course, exercise testing and prescription are presented within a health-related context, with practical applications for sports nutrition, weight management, the aging process, and prevention and management of chronic diseases.

NAT342L
Exercise Assessment and Prescription Lab (1 cr. hour)
Co-requisite: NAT342
The course will provide students with practical laboratory experiences related to the field of Exercise Assessment and Prescription.
NAT: NATURAL SCIENCES

NAT418
Epidemiology (3 cr. hours)
Prerequisite: HCA362
This course provides the student with a comprehensive overview of main concepts and methods of epidemiology. Students will gain the ability to apply these foundational concepts and methods, while also critically interpreting existing findings.

NAT422
Exercise Physiology (3 cr. hours)
Prerequisite: BIO312 and BIO312L
The study of the acute responses and chronic adaptations to a wide-range of physical exercise conditions is defined as exercise physiology. The analysis, improvement, and maintenance of health and fitness are possible by the identification of physiological mechanisms underlying physical activity. This course will provide students with an understanding of the functioning of the systems of the human body during exercise.

NAT422L
Exercise Physiology Lab (1 cr. hour)
Co-requisite: NAT422; There will be a lab fee associated with this course.
Offered Spring
The course will provide students with practical laboratory experiences related to the field of exercise physiology.

PHI: PHILOSOPHY

PHI110
The Art of Reasoning (3 cr. hours)
Prerequisite: ENG141 or concurrent
Offered Fall, Spring
This course introduces students to philosophy through a study of the art of reasoning, which is essential in any field or endeavor that requires clear, skillful and critical thinking. Students will learn how to classify concepts, formulate definitions, analyze and evaluate propositions, analyze, construct and evaluate arguments, and identify common fallacies in reasoning. The study is oriented towards practical applications and involves a variety of skills in the analysis and evaluation of reasoning in daily life, scientific inquiries and professional fields.

PHI112
Great Philosophers (3 cr. hours)
Prerequisite: ENG141 or concurrent
Offered Fall, Spring
This course introduces students to philosophy through a historical study of great philosophers and their representative works. The course study may be a survey of the history of philosophy, the history of philosophy in a particular culture (e.g., a history of Chinese philosophy), the history of a particular area in philosophy (e.g., a history of epistemology), a survey of a particular historical period (e.g., ancient Greek philosophy), a study of a particular school (e.g., pragmatism) or a study of one philosopher’s work (e.g., Plato).

PHI190, PHI290, PHI390, PHI490
Special Topics (3 cr. hours)
Prerequisite: None, unless listed in the schedule of courses.
Topics will vary. May or may not be writing intensive.

PHI210 (w)
Philosophical Problems (3 cr. hours)
Prerequisite: ENG141; this is a writing intensive course.
Offered Fall
This course introduces students to philosophy through a survey of the core questions in some of the main areas in philosophy. These areas of philosophy may include philosophy of religion, metaphysics and epistemology, philosophy of mind, ethics, philosophy of life, social and political philosophy, and so on. In the study of each area, students will be exposed to different schools of thought. The course may also be taught as a study of a particular school of thought in philosophy (e.g., rationalism), examining its theories in the above-mentioned areas of philosophy. This is a writing intensive course.

PHI212
Symbolic Logic (3 cr. hours)
Prerequisite: ENG141
Offered Spring
This course introduces students to philosophy through a study of reasoning in a symbolic system, including sentential (or propositional) and quantificational (or predicate) systems. Students will learn how to translate claims and arguments expressed in a natural language into a system of logical symbols, evaluate those claims and arguments in accordance with logic rules that are also formulated in that system of logical symbols, and enjoy the simplicity and precision of logical thinking.
PHI: PHILOSOPHY (continued)

PHI215
Ethics (3 cr. hours)
Prerequisite: ENG141 or concurrent
Offered Fall, Spring
This course is a critical examination of various moral problems from the perspectives of different ethical theories. The emphasis is given to those moral problems that arise in daily life, especially those that involve rational decision between conflicting values, each of which represents something good in itself in order to do what is right.

PHI305
Applied Ethics (3 cr. hours)
Offered through Online & Off-Campus Programs only
Prerequisites: ENG141
This course is a critical examination of various moral problems from the perspectives of different ethical theories. The emphasis is given to those moral problems that arise in daily life, especially those that involve rational decision between conflicting values, each of which represents something good in itself in order to do what is right.

PHI306
Business Ethics (3 cr. hours)
Offered through Online & Off-Campus Programs only
Prerequisite: ENG141
This course is designed for students majored in business. Students in other majors may take this course as an elective. Through the course study, students will acquire knowledge and skills necessary for analyzing personal and social value systems, understand ethical principles in business practice, and learn how to apply moral approaches in dealing with issues, problems and cases in such areas of business practice as leadership, management, marketing, partnership, employment relation, environmental care, and so on.

PHI307
Medical Ethics (3 cr. hours)
Offered through Online & Off-Campus Programs only
Prerequisites: ENG141
This course is a critical examination of various moral problems present within the healthcare industry. The emphasis is given to those moral problems that arise for stakeholders within the healthcare industry, especially for those in a decision-making role involving conflicting values, each of which represents something good in itself in order to do what is right.

PHY: PHYSICS

PHY211
General Physics I (3 cr. hours)
Prerequisites: MAT181, MAT275 or MAT281 Co-requisite: PHY211L
Offered Fall
The course will serve as an introduction into the basic concepts of general physics and will serve as the physical requirement for the advanced forensic science major, for the middle school certification program, and for the general science program. Students will be expected to apply these concepts in the required lab.

PHY211L
General Physics I Lab (1 cr. hour)
Prerequisite: MAT181, MAT275 or MAT281 Co-requisite: PHY211; A lab is required for the corresponding course unless a lab was previously completed with a grade of ‘C’ or better. There will be a lab fee associated with this course.
Offered Fall
This course represents the laboratory section of the first half of a two-semester Physics sequence. The laboratory section provides a practicum to experience concepts, theories, and laws of classical physics. This first semester laboratory section will cover mechanics and thermodynamics.

PHY212
Physics II (3 cr. hours)
Prerequisite: PHY211 Co-requisite: PHY212L
Offered Spring
This course represents the second half of a two-semester physics sequence providing a quantitative problem-based coverage of classical physics. This second semester course will cover electromagnetism, light and optics, and modern physics. The course includes a laboratory component to provide hands-on experience with the topics covered.

PHY212L
Physics II Lab (1 cr. hour)
Co-requisite: PHY212; A lab is required for the corresponding course unless a lab was previously completed with a grade of ‘C’ or better. There will be a lab fee associated with this course.
Offered Spring
This course represents the laboratory section of the second half of a two-semester Physics sequence. The laboratory section provides a practicum to experience concepts, theories, and laws of classical physics. This second semester laboratory section will cover electromagnetism, light and optics, and modern physics.
**POL: POLITICAL SCIENCE**

**POL101**  
Introduction to the American Political Process (3 cr. hours)  
*Offered Fall, Spring*  
A survey course that covers the American democratic process and the distribution of authority and responsibility between the federal, state, and local levels.

**POL151**  
Introduction to National Security Studies (3 cr. hours)  
*Prerequisite: ENG141*  
*Offered Fall, Spring*  
This course provides an introduction to the study of national security and the national security process. It introduces students to the instruments of national power and how those instruments are used to support and achieve national interests and objectives. The course introduces the key actors, processes, and issues associated with national security. Students will have a better understanding of the complexities and challenges associated with security policy in a world characterized by globalization.

**POL190, POL290, POL390, POL490**  
Special Topics (3 cr. hours)  
*Prerequisite: None, unless listed in the schedule of courses.*  
Topics will vary. May or may not be writing intensive.

**POL201**  
Political Geography (3 cr. hours)  
*Prerequisite: ENG141*  
*Offered Fall*  
This course begins with an introduction to the current political map of the world. Students will learn to identify continents, countries, capitals, and major cities. Second emphasis is on the relationships among the physical environment, landforms, climate, resources, and political boundaries.

**POL205 (w)**  
The Presidency (3 cr. hours)  
*Prerequisite: POL101; this is a writing intensive course.*  
*Offered Spring*  
The course studies the American presidency from 1787 to the present and examines the history, development, and operation of the U.S. presidency. Analysis is of the institution of the presidency, its functions, formal and informal relationships, and its limitations within the American political system. Emphasis is on the dynamics of the presidency, including presidential personality, conceptions of role, impact of public opinion, and responses to changes in the environment. Also considered are the evolution of the presidency, its powers and restraints; organizing and using White House staff, executive decision-making, and contemporary views of the office. This is a writing intensive course.

**POL206**  
Congress (3 cr. hours)  
*Prerequisite: POL101*  
*Offered Spring*  
The course studies the organization, operation, and politics of Congress; problems of representation, leadership, relations with interest groups, the White House, and the bureaucracy. The course examines the history, development, and operation of the U.S. Congress. Attention is given to congressional elections, congressional-presidential relations, and the policy-making process, and the sociology and politics of legislative process; legislative recruitment, structure and influence of the committee system, impact of party leadership, and nature of legislative decision-making.

**POL207**  
The Courts (3 cr. hours)  
*Prerequisite: POL101*  
*Offered Fall*  
The course analyzes the political context of the judicial process. Topics covered include the structure and function of American court systems, court staffing, judiciary, roles of lawyers and other actors in the American legal system.

**POL225**  
Introduction to Intelligence Studies (3 cr. hours)  
This course introduces the basic structure of the intelligence community and the role of intelligence in maintaining national security. Students will become familiar with the history and evolution of intelligence and the intelligence process. They will be introduced to the laws and directives that guide the intelligence community and the ethical considerations inherent in the field.

**POL310**  
Public Policy (3 cr. hours)  
*Prerequisites: POL101 and MGT201*  
*Offered Fall even numbered years*  
This course uses the case study method to analyze current issues in public policy. Students study both policy formation and implementation. Typical topics include social security, welfare, education, energy, defense, and tax reform.

**POL311**  
Federalism (3 cr. hours)  
*Prerequisite: POL101*  
*Offered Fall*  
The course examines the nature of American Federalism and the dynamics of intergovernmental relationships; its organization, structure, powers, and functions of state and local governments. The course examines the role of the national and the state governments in intergovernmental relations as well as the state, local, interstate and interlocal relations. Issues of federal grants, fiscal outlook of cities, problems of inner cities, and metropolitan governments are also discussed.
POL: POLITICAL SCIENCE (continued)

POL313
American National Security Policy (3 cr. hours)
Prerequisite: POL151
Offered Spring
Students trace the development of national security in the United States from its conceptual birth during World War II to the present day, including the role that intelligence plays in national security policy. The course examines how national security policy has developed through succeeding presidential administrations.

POL320
Public Administration (3 cr. hours)
Prerequisites: POL101 and MGT201
Offered Spring odd numbered years
This course examines the management of government at local, state, and federal levels. Emphasis is on the function and control of government agencies, the nature of bureaucracy, planning, budgeting, and decision making in the public sector.

POL330
Political Parties and Pressure Groups (3 cr. hours)
Prerequisite: POL101
Offered Fall
This course examines the history, organization, and function of parties and pressure groups. Topics covered include methods of political action, nomination, elections, campaign finance, and interest articulation.

POL341
Covert Action and Intelligence (3 cr. hours)
Prerequisite: POL151
Offered Fall
This course examines the function and functioning of the intelligence process – from collection to analysis to policy use – within the 3 branches of our federal government, within our constitutional system more generally, and with regard to our need to protect our national security and national interests. Students will develop their intelligence analysis through application problems and scenarios.

POL345
Economic Instruments of Security Policy (3 cr. hours)
Prerequisites: POL101 and ECO221
Offered Spring even numbered years
The course examines the government’s evolving use of economic instruments of national power to promote our national security and our national interests.

POL350
International Security (3 cr. hours)
Prerequisite: POL151
Offered Fall even numbered years
Students will study how nations interact with each other. They will study the development of nationalism as the primary model for explaining how nations relate to one another. The course will also trace the recent development of globalism as an alternative model for explaining international politics. It will also examine the concepts of realism and idealism in the conduct of international relations.

POL391
Comparative Political Systems (3 cr. hours)
Offered Fall
An investigation of various types of political institutions, their philosophies and development, and application to social and economic order as expressed in differing systems of national government.

POL400
The Constitution, Liberty, and Order (3 cr. hours)
Prerequisite: POL101 or JUS110 and any 300 level class
Offered Spring
This course examines inherent conflicts between individual liberties and social order under our constitutional system. It uses the case study approach to analyze issues including freedom of speech, assembly, press, and religion; due process; equal protection; voting rights; and privacy rights.

POL420
Transnational and Unconventional Threats (3 cr. hours)
Prerequisite: POL151
Offered Fall even numbered years
Students will examine some of the unconventional security threats posed by transnational actors and organizations. Topics to be covered include globalization, WMD proliferation, drug cartels, energy security, information security, pandemics, and border security. Students will also critically assess how best to organize America’s national security apparatus to respond to these wide-ranging unconventional threats.
POL: POLITICAL SCIENCE (continued)

POL425
Intelligence Analysis (3 cr. hours)
Prerequisite: POL341 recommended
Offered Fall
The intelligence world is one of ambiguity, nuance, and complexity. Knowing one’s enemies and knowing one’s self has been sage advice for centuries. But how does one know what your enemies are thinking? This course focuses on the conversion of processed information into intelligence through the integration, evaluation, and interpretation of all source data and the preparation of intelligence products in support of known or anticipated user requirements. Analysis is but one phase of the intelligence process, but it is perhaps the most important. Students who take this course will expand their research, computer, communication, and analytical skills in order to identify significant facts and derive sound conclusions from imperfect and often contradictory information and flawed evidence.

POL491 (w)
Capstone Senior Seminar in Homeland and National Security (3 cr. hours)
Prerequisite: Senior status; this is a writing intensive course.
Offered Fall, Spring
Students complete a case study/project designed to test the totality of knowledge gained in the GNS major. Seminar projects must demonstrate explicitly, through scholarship, teamwork, and for creative thinking, a meaningful integration of the student’s course of study. This is a writing intensive course.

PSY: PSYCHOLOGY

PSY101
Introduction to Psychology (3 cr. hours)
Offered Fall, Spring
Introduction to psychology as a behavioral science, including historical background, human development (genetic and physical) from birth through death, the senses and perception, intelligence and creativity, and the principles of conditioning, learning, memory, and forgetting.

PSY190, PSY290, PSY390, PSY490
Special Topics (3 cr. hours)
Prerequisite: None, unless listed in the schedule of courses.
Topics will vary. May or may not be writing intensive.

PSY201 (w)
Introduction to Professional Practices (3 cr. hours)
Prerequisite: PSY101; this is a writing intensive course.
Offered Fall, Spring
Majors in human services and psychology learn the career opportunities, problems, methods, and thinking styles of professionals in their fields. Students participate in classroom debates on topics of current concern in modern psychology and human services, practice the writing style of the American Psychological Association, and acquire effective methods for developing a professional resume. Guest speakers, field trips, and other out-of-class experiences expand students’ understanding of the diversity and challenges of modern behavioral science and practice. This is a writing intensive course.

PSY263
Theories of Personality (3 cr. hours)
Prerequisite: PSY101
Offered Fall even numbered years
An overview of historical and current theories regarding personality formation and development, and methods of measuring personality characteristics. Psychodynamic, humanistic, behaviorist, trait, and cognitive approaches are discussed.

PSY265
Lifespan Development (3 cr. hours)
Prerequisite: PSY101
Offered Spring
This course takes a life span approach in studying human development from conception through death. Students will examine the major theories and scientific research findings on our physical, cognitive, social, and personality development.

PSY269
Human Sexuality (3 cr. hours)
Prerequisite: PSY101
Offered Fall
Examines physiology of human sexuality as well as psychosocial aspects of the field. Considers sexual orientation, sexual dysfunction and paraphilia, sex therapy, theories of attraction, and current research.

PSY301
Adult Development and Life Assessment (3 cr. hours)
Offered through Online & Off-Campus programs only
Course closely examines the nature of transitions in adult life and explores the skills needed to successfully navigate those transitions by ‘mastering the art of self-renewal’. Through a process of self-discovery, adult learners come to a new understanding of themselves and others.
PSY: PSYCHOLOGY

PSY302
History and Systems of Psychology (3 cr. hours)
Prerequisite: PSY201
Offered Spring
The long past and short history of the formal discipline of psychology are presented in a combined lecture/seminar format. Of primary emphasis are the philosophical foundations of modern psychological concepts and the personal lives and times of those who founded the field. Students engage in classroom debates, find and present in class biographical information pertaining to historical figures in psychology, and complete a project with a historical theme.

PSY320
Motivational Psychology (3 cr. hours)
Prerequisite: PSY101
Offered as needed
Course is an exploration from the perspective of scientific psychology of historical and current conceptions of motivation, the force that determines activity preference, selection and persistence. This course provides both a broad overview of motivational theories and practical applications of these theories to real-world problems.

PSY325
Introduction to Industrial/Organizational Psychology (3 cr. hours)
Prerequisite: PSY101
Offered as needed
This course is an overview of the field of Industrial/Organizational Psychology. It includes such areas as a history of I/O, methodology, job design and analysis, psychological testing, employee recruitment, selection, training, performance appraisal, motivation, satisfaction, emotions, personnel and organizational development, multiculturalism and diversity, leadership, group dynamics, health and safety, stress and conflict management, ergonomics, and consumer psychology.

PSY333
Experimental Psychology (3 cr. hours)
Prerequisites: PSY101 and SCS300
Offered Spring
Intensive instruction and hands-on experience in the designing, conducting, interpreting and reporting of psychological experiments. Ethical considerations, measurement and sampling issues and various categories of experimentation are discussed.

PSY344
Psychology of Terrorism (3 cr. hours)
Prerequisite: PSY101
Offered Fall
This course provides a comprehensive review of the scientific and professional literature analyzing key research findings on the “psychology of terrorism”. The course will identify, describe, and evaluate what contribution psychological theory and research have made to understanding terrorists and terrorism and the impact on victims. Typologies and group differences in terrorism will be explored. Current and future research directions in studying terrorism and counterterrorism are offered.

PSY360
Introduction to Counseling (3 cr. hours)
Prerequisite: PSY101
Offered Spring
Provides a theoretical survey of the field of counseling. Major emphasis is on such topics as ethical considerations, the intake interview, counselor roles and client roles, goals of counseling, referrals and liaisons in the community, vocational counseling, tests and instruments used in the counseling process and research on the counseling process.

PSY362
Abnormal Behavior (3 cr. hours)
Prerequisite: PSY101
Offered Fall, Spring
This course focuses on description, identification, and practical management of behaviors stemming from physiological, psychological and environmental causes.

PSY363
Cognitive Psychology (3 cr. hours)
Prerequisite: PSY101
Offered Fall odd numbered years
An overview of the issues, concepts, and current research evidence regarding the mechanisms, processes and content of thought. Attention and perception, memory, language, and problem solving are discussed.

PSY364
Evolutionary Psychology (3 cr. hours)
Prerequisite: PSY101 or SOC101
Offered Spring even numbered years
Students examine current evidence regarding the origins of human thought and behavior from the perspective that many aspects of “human nature” can be understood usefully as sets of processes that were designed by natural selection to solve adaptive problems faced by our evolutionary ancestors. Among the issues to be addressed are human survival, sex, and mating strategies, conflict between the sexes, and the emergence of moral codes.
PSY: PSYCHOLOGY (continued)

PSY401
Biological Foundations of Behavior (3 cr. hours)
Prerequisites: PSY101 or EDU250
Offered Spring
This course is an introduction to behavioral neuroscience, a branch of psychology that concerns itself with relationships between the brain, nervous system and behavior. Topics include the structure and functioning of individual nerve cells; the structure and functioning of brain components; brain/nervous system control of relatively simple behavior such as movement, sensation, perception, and motivated behaviors; physiological regulation of sleep and memory; and, biologically based clinical syndromes such as mood disorders, schizophrenia, and Alzheimer's disease.

PSY440
Comparative Psychotherapies and Therapeutic Techniques (3 cr. hours)
Prerequisite: PSY360
Offered Spring
An in-depth exploration of the major, extant psychotherapeutic theories and experiential exposure to those techniques appropriate for use by an entry level counselor; emphasis will be on behavioral, cognitive and humanistic approaches.

PSY445 (w)
Psychometrics (3 cr. hours)
Prerequisite: PSY101 and SCS300; this is a writing intensive course.
Offered Fall even numbered years
A survey of issues and concepts involved in the measurement of psychological characteristics such as knowledge, personality, intelligence, creativity, psychopathology, etc., including demonstrations of some commonly employed psychological tests. This is a writing intensive course.

SAS: ARTS & SCIENCES

SAS465
Managing the Arts (3 cr. hours)
Prerequisite: MGT201 and one from ART201 or MUS223 or THR222
Offered Spring odd numbered years
This course provides an overview of the conceptual and practical structures of arts management for nonprofit cultural organizations with some attention paid to the for-profit marketplace. Serving as an introduction to the workings of arts organizations, including boards, fundraising, grant writing, nonprofit organizations, artist representation, programming, and audience development, the course gives practical applications of arts management for gallery administrators and performing arts presenters.

SAS470 (w)
Internship (3 cr. hours)
Prerequisite: By permission of the School Dean or Designee; this is a writing intensive course for General Science Majors.
The internship requires fieldwork in an agency appropriate to the student's career objectives. This course is required for arts administration, general sciences and psychology majors. The course is a choice with SAS 499 Senior Seminar for the Communication, English, and History majors. This is a writing intensive course for General Science Majors.

SAS499 (w)
Senior Seminar (3 cr. hours)
Prerequisite: Senior Status Bachelor of Arts degree candidates only; this is a writing intensive course.
Students will pursue individual projects in a group setting. An interdisciplinary perspective is encouraged. This is a writing intensive course.

SCS: SOCIAL SCIENCES

SCS220
Introduction to Leadership (3 cr. hours)
Offered Fall
This foundational course introduces students to concepts and theories of leadership to help students develop the skills necessary to becoming leaders in the workplace, the community and the larger global society. The course emphasizes the relationship between theory and leadership practice, and the moral and civic responsibilities of leadership.

SCS300 (w)
Research Design (3 cr. hours)
Prerequisite: MAT273; this is a writing intensive course.
Offered Fall, Spring
A skill development course focused on generating, obtaining, analyzing and disseminating data, information and knowledge in behavioral sciences. Students will undertake a formal research project. This is a writing intensive course.

SCS375
OPOTA Practicum (15 cr. hours)
Prerequisite: Acceptance into program by OPOTA
This course is designed for the student who wishes to get their Ohio Police Officer certification. The course currently consists of 600 hours of training mandated, designed and overseen by the Ohio Police Officer's Training Academy. The successful completion of this course will certify the student as an employment ready police officer in the State of Ohio.
SCS: SOCIAL SCIENCES (continued)

SCS440
Theory and Application of Leadership (3 cr. hours)
Offered Spring
This interactive course examines theories and approaches to leadership. This course provides historical analysis of leaders and the evolution of leadership theory as well as gender and cultural approach to the topic. Students will gain an understanding of the leadership process and its elements, leaders, followers and contexts. The course will review the scholarship and research of leadership and provide a synthesis of the contemporary leadership models.

SCS450
Human Services Capstone (3 cr. hours)
Prerequisite: SCS300, Senior standing
This capstone course in Human Services is designed for students nearing the end of their undergraduate program. It is designed to help students integrate their knowledge and apply the skills they have acquired in the program to think critically about important issues in Human Services and professional helping. The capstone course includes development of a professional portfolio, which can be utilized towards the requirements of national certification from the National Organization in Human Services. It is also designed to help students use their undergraduate training and experiences to help them understand personal issues and formulate career goals and directions.

SCS470
Internship I (3 cr. hours)
Prerequisite: Junior standing and permission of the School Dean or Designee
Internship is fieldwork in an agency appropriate to the student's career objectives.

SCS471
Internship II (3 cr. hours)
Prerequisites: SCS470 and permission of the School Dean or Designee
A continuation of Internship I for students who wish a more rigorous and in-depth experience.

SCS491
Senior Seminar I (3 cr. hours)
Prerequisites: SCS300, senior Psychology majors only
Students will design a project and complete a documented literature review for that project. Senior projects must demonstrate explicitly, through scholarship and/or creative works, a meaningful integration of the student's course of study to date. This course is a foundation for and an integral part of SCS492.

SCS492
Senior Seminar II (3 cr. hours)
Prerequisites: SCS491, senior Psychology majors only
Students will implement, complete, document, and report on individual senior projects deriving directly from and building on work completed in SCS491. Senior projects must demonstrate explicitly, through scholarship and/or creative works, a meaningful integration of the student's course of study to date.

SOC: SOCIOLOGY

SOC101
Principles of Sociology (3 cr. hours)
Offered Fall, Spring
Introduction to the basic concepts of sociological study, elements of social life, social patterns and institutions, and the process of maintenance and change in society.

SOC190, SOC290, SOC390, SOC490
Special Topics (3 cr. hours)
Prerequisite: None, unless listed in the schedule of courses.
Topics will vary. May or may not be writing intensive.

SOC250
Social Psychology (3 cr. hours)
Prerequisite: PSY101 or SOC101, Education students: EDU250 or EDU216
Offered Spring
Study of the influences that people have on the beliefs and behaviors of others. Topics will include social perception and attribution, self-presentation, attitudes and attitude change, aggression and violence, group dynamics, and their relationship to selected fields.

SOC280
Sports in American Society (3 cr. hours)
Prerequisite: SOC101
Offered Fall
Survey of the influential role of the growth of sports and the sports industry in American culture. Examines the ideas of sports building character, providing for social mobility, and acting as a positive outlet for aggressive action. Considers the problems of cheating, drug usage, and the fostering of racism. The values and practices of professional and commercial sports will be compared and contrasted with those of educational and amateur athletics.
SOC: SOCIOLOGY (continued)

SOC310
Sociology of the Family (3 cr. hours)
Prerequisite: SOC101
Offered Spring even numbered years
The sociological analysis of the family, its development as a social institution, its relationship to society, and its contributions to personality development.

SOC320
Community Sociology (3 cr. hours)
Prerequisite: SOC101
Offered Fall even numbered years
Sociological theories of the spatial and social dimensions of community processes and organization. Classical foundations and contemporary theoretical perspectives as the basis for community research.

SOC350
Social Behavior (3 cr. hours)
Offered through Online & Off-Campus programs only
This course focuses on how people think about, influence, and relate to others as well as how others influence our perception of ourselves. This course will also examine how people act in groups and how groups affect their members. Some of the topics in this course include social perception, attitudes and persuasion, prejudice and discrimination, different sources of social influence, helping behavior and aggression. Emphasis will be placed on how concepts and research in social psychology can be applied to various aspects of the criminal justice system.

SOC360 (w)
Multicultural Issues in Society (3 cr. hours)
Prerequisite: SOC101; this is a writing intensive course.
Offered Fall, Spring
An analysis of the issues relating to the economic, political, and social positions of minority groups within the United States will be presented. Interactions among historical and current social forces and institutions that influence groups and individual behaviors will be examined. New trends in inter-group relations, emergence of new minorities, and the contesting for program funding and services will be explored. The struggles over income, property, and power on the interpersonal, community, national and international levels will be presented. This is a writing intensive course.

SOC380
Social Movements and Ideologies (3 cr. hours)
Prerequisite: SOC101
Offered Fall odd numbered years
The analysis of the collective response to situations of social tension and change that take the form of social movements and their accompanying ideologies, both from a historical and contemporary viewpoint.

SOC395
Sociological Theory (3 cr. hours)
Prerequisite: SOC101
Offered Fall odd numbered years
Historical review of the major theoretical contributions and a critical examination of the development of sociological theory.

SPA: SPANISH

No 100 or 200 level language class may be used to satisfy the General Education CUL (culture) requirement.

SPA101
Elementary Spanish I (3 cr. hours)
There will be a lab fee associated with this course.
Offered Fall
The course will set the foundation for further language study. All elements of second language acquisition will be addressed. Due to the nature of the course and subject, all students are required to participate orally. Geography and cultural elements will also be covered.

SPA102
Elementary Spanish II (3 cr. hours)
Prerequisite: SPA101 or placement; There will be a lab fee associated with this course.
Offered Spring
The course will enhance the student's ability to communicate in the foreign language in the 3 types of oral communication - interpersonal, presentational, and interpretive. Further emphasis will be placed on cultural items and global awareness. Grammatical elements required to complete the listed tasks will be presented as needed. There will be no English spoken in this course.

SOC361
Sociology of Gender (3 cr. hours)
Prerequisite: SOC101
Offered Spring odd numbered years
Sociopsychological development of sex roles within contemporary society. Analysis of the significant influences social institutions play throughout development of sex roles.
**SPA: SPANISH (continued)**

**SPA201**
Intermediate Spanish I (3 cr. hours)
*Prerequisite:* SPA102 or placement; There will be a lab fee associated with this course.
*Offered Fall*
This course is designed to provide an intermediate study of the Spanish language and culture, with emphasis on speaking, listening and reading. The course is taught in Spanish. Students will explore Hispanic culture through study of the language and be given opportunities to discuss lessons in conversation.

**SPA202**
Advanced Spanish Language and Literature: The Novel (3 cr. hours)
*Prerequisite:* SPA201 or equivalent as determined by instructor. There will be a lab fee associated with this course.
*Offered Spring*
This course is designed to provide an advanced study of the Spanish language and culture through the exploration of a Spanish-language novel, with emphasis on speaking, listening, and reading. The course is taught in Spanish. Students will explore Latin American culture through study of the language and be given opportunities to discuss lessons in conversation.

**SRM: SPORTS AND RECREATION MANAGEMENT**

**SRM160**
Introduction to Sports and Recreation Management (3 cr. hours)
*Prerequisite:* ENG141
*Offered Fall, Spring*
This course will give the students a fundamental understanding of the career avenues in sport and recreation. Industry specialists present an eclectic orientation of the sport and recreation field. Academic topics include industry definitions, evolution, curriculum components, experiential learning, career and internship opportunities, applied and theoretical research, leadership, governance, and ethics.

**SRM190, SRM290, SRM390, SRM490**
Special Topics (3 cr. hours)
*Prerequisite: None, unless listed in the schedule of courses.*
Topics will vary. May or may not be writing intensive.

**SRM220**
Principles of Athlete Development (3 cr. hours)
*Prerequisites: SRM160 and PSY101*
*Offered Fall*
This course explores the physical, psychological, and emotional aspects of development for athletic performance at the youth & interscholastic, recreation and leisure, intercollegiate, professional, and elite level. Issues will also address athlete development influenced by substance abuse, career-transition, and off-field behaviors.

**SRM235**
Sports Marketing and Promotions (3 cr. hours)
*Prerequisite: ENG141*
*Offered Spring*
This course is designed to assist students in understanding the techniques of writing common to the sports business with a focus on social and digital media applications for successful marketing and promotion campaigns. Students will gain exposure to writing, designing, and editing a variety of documents used for sport sponsorship proposals, brand awareness campaigns, fan loyalty programs, marketing plans, endorsement deals, and event fundraising plans. Students will apply fundamental principles of sport blogging, meeting deadlines, and web layout for the internet.

**SRM291**
Recreation and Sport Program Administration (3 cr. hours)
*Prerequisite: SRM160*
*Offered Spring*
This course emphasizes the history, philosophy, scope, and value of recreation administration. Working closely with municipal park and recreation department personnel, students explore the principles and techniques for effective leadership in the organization and operation of recreational sport programming in a variety of settings. Practical experience is available in supervising recreation programs at the YMCA, community parks, college intramurals, and local school systems. This course requires a minimum of ten hours of field experience.

**SRM315**
Supervision in Sports and Recreation (3 cr. hours)
*Prerequisites: SRM160 and MGT201*
*Offered Spring*
This course explores the responsibilities and duties of sport supervisors in the youth, scholastic, collegiate, club, and professional sectors on a national and global scale.
SRM: SPORTS AND RECREATION MANAGEMENT (continued)

SRM325
Facilities Design and Management (3 cr. hours)
Prerequisites: LAW260, MGT201 (LAW260 waived for Arts Administration Majors only)
Offered Fall
Provides dynamic models and options for planning, maintaining, and managing sport & entertainment facilities in the present and future. Concentration is on the design, maintenance, and full utilization of facilities that are realistic, cost efficient, environmentally sound and aesthetically pleasing. Topics include design, construction, refurbishing, finance options, risk assessment, risk management, security, operations, and procedures.

SRM360 (w)
Business of Sport (3 cr. hours)
Prerequisites: SRM160, ACC201; this is a writing intensive course.
Offered Fall
Course covers topics relating to league structures, the management of sporting clubs, branding and pricing, sponsorship, media contracting, financial valuation and facilities development in a variety of sport settings. The primary method of instruction is case development and analysis. This is a writing intensive course.

SRM405
Sports Analytics (3 cr. hours)
Prerequisites: MAT273
Offered Spring
The focus of this class is applying analytic techniques to the decisions that athletes, coaches, general managers, and other decision makers encounter in the sports world. Tools used in the class will include statistics, probability, regression analysis and hypothesis testing.

SRM475
Internship and Professional Development Seminar (3 cr. hours)
Prerequisite: Junior standing and permission of School Dean or Designee
Offered Fall
Students majoring in Sport and Recreation Management or Hospitality and Tourism will be required to gain a minimum of 150 hours of volunteer or paid practicum experience related to their chosen field. Hours may be accumulated from May 15 during the summer preceding the class. In addition, the course will cover such elements as interviewing, dining etiquette, and business career information.

THR: THEATRE

THR190, THR290, THR390, THR490
Special Topics (3 cr. hours)
Prerequisite: None, unless listed in the schedule of courses.
Topics will vary. May or may not be writing intensive.

THR222
Introduction to Theatre (3 cr. hours)
Prerequisite: Students must be available for play production
Offered Spring
This course is a study of theatre as an art form, in conjunction with its nature and practice, along with the artists who work in the theatre and the nature of their work. Students will gain hands-on experience in theatre production by taking part in Tiffin University's spring theatre production. They will also learn to appreciate and critique theatrical productions by attending and discussing one live production. From reading, attending class sessions, and participating in one production, students will develop an appreciation for the many facets of theatre, along with the various types of work that contribute to the overall success of theatrical productions.

THR250
The Art of Acting (3 cr. hours)
Prerequisite: Students must be available for play production
Offered Spring odd
This course is the study and practice of the art of acting through identification with one's own personality and vision of oneself in the development of a character. Students will learn to appreciate themselves as human beings, with experiences, emotions, and intellect that must be employed in the development of a role, and to replace masks, cliches, and stereotypes with human behavior, instinct, and action in the characters they portray. Students will gain an appreciation for discipline, practice, and concentration as necessary components of theatrical success. Through lecture and object exercises, students will practice their craft and learn new ways to “wear the pants” of a specific role. They will learn to conduct research as an initial preparation step, as they study and explore a specific role to be portrayed in a final class presentation. Students do not have to be actors to take this course.

THR261
Elements of Theatre (3 cr. hours)
Prerequisite: Students must be available for play production
Offered Fall
This class is designed to offer students an amalgamation of the various elements that make up theatre, including play production, dramatic literature, and the artisans of theatre. Students will gain hands-on experience in play production by joining a specific crew for TU’s semester theatre production and they will read and discuss a sampling of dramatic works by modern playwrights, including O’Neill, Synge, Shepard, and Miller. By looking at theatre as both literature and performance, students will learn to appreciate the social and psychological elements of modern dramatic works, as well as the creative measures used in turning a dramatic work into a production. Students do not have to be actors to take this course.
Partnership School Course Offerings

**EDA, EDM, EDU: EDUCATION, IN PARTNERSHIP WITH LOURDES COLLEGE**

**PROGRAM ADMISSION REQUIREMENTS**

Students seeking admission to the Teacher Education Program are considered as Pre-Education Majors or Pre-Licensure students until they have completed the following Program admission requirements and have been approved for acceptance into the Program. Pre-Education Majors, Pre-Licensure students, and non-education students are not allowed to enroll in any education course at the 300/400 levels.

- Completed credential file
- Successful BCI/FBI background check
- Overall GPA of 3.0 or higher
- Education majors must receive a grade of ‘C’ or better in EDU100/EDU101, EDU230, and EDU250
- Passing scores for Praxis Core Academic Skills tests for Educators (Reading 156, Writing 162, Math 150) or ACT or SAT subscores for Reading ≥21/450, English ≥18/430, and Math ≥22/520
- Completion of 20 hours of approved service learning
- Successful review of Teacher Candidate Development Portfolio
- Satisfactory disposition assessment
- Successful interview and approval of the Program Admission Committee.

Once accepted into the Teacher Education Program, teacher candidates will need to demonstrate competencies at various points called “gates” in order to progress and ultimately complete the program. Students are to refer to the Education Student Handbook for details related to Assessment Gates and requirements.

**EDA210**

Teaching Adolescents and Young Adults (3 cr. hours)

*Prerequisites/Co-requisite: EDU250*

*Offered Fall, Year 2*

Provides students with opportunities to examine the developmental needs and unique aspects of educating adolescents and young adults and how schools and teachers effectively respond to such needs. Students will not only examine the history and philosophy of adolescent education but will also explore the latest theories regarding learning and effective instructional practices.

**EDA235**

Adolescent to Young Adult Curriculum, Instruction & Assessment (3 cr. hours)

*Prerequisites: EDA210 Co-requisite: EDU230*

*Offered Spring, Year 2*

Building on the general concepts presented in EDA210, Teaching Adolescents and Young Adults, this course begins to bridge the gap between content and practice. The course examines adolescent to young adult curriculum and provides an in-depth review of the Ohio Learning Standards. The course introduces instructional models and elements of assessment theory in support of curriculum development and effective teaching. Students have opportunities to create and analyze effective lesson plans that are developmentally appropriate and inclusive for adolescents and young adults. This course provides clinical observation opportunities for candidates to apply course content to appropriate practices, guidelines, and standards.

**EDA250**

General Teaching Methods and Field Experience I (3 cr. hours)

*Prerequisite: EDA235; There will be a lab fee associated with this course.*

*Offered Fall, Year 3*

Provides students with opportunities to learn and practice the skills and competencies of effective teaching at the adolescence to young adult level. This course will examine various instructional methods used to teach adolescents and young adults. The course includes a field experience in an adolescent to young adult setting.

**EDA351**

Social Studies Methods and Field Experience II (3 cr. hours)

*Prerequisite: EDA250*

*Offered Fall, Year 4*

Provides students with opportunities to learn and practice Adolescence to Young Adult Social Studies pedagogy. Students will engage in all elements of the Teacher Performance Assessment, including planning instruction and assessment, instructing and engaging students in learning, assessing student learning, and final retrospective reflection. This course includes an extensive field experience in an Adolescent to Young Adult social studies setting.

**EDA353**

Language Arts Methods and Field Experience II (3 cr. hours)

*Prerequisite: EDA250*

*Offered Fall, Year 4*

Provides students with opportunities to learn and practice Adolescence to Young Adult Language Arts pedagogy. Students will engage in all elements of the Teacher Performance Assessment, including planning instruction and assessment, instructing and engaging students in learning, assessing student learning, and final retrospective reflection. This course includes an extensive field experience in an Adolescent to Young Adult language arts setting.
EDA450
Adolescent & Young Adult Student Teaching I (2 cr. hours)
Prerequisite: Gate 2
Offered Fall, Year 5
Provides the teacher candidate with an intensive opportunity to put into practice the skills and competencies of effective teaching of adolescents. This course is the culminating experience in the student’s educational program. Students will complete all elements of the Teacher Performance Assessment, including planning instruction and assessment, instructing and engaging students in learning, assessing student learning, and final retrospective reflection. This course will include intense experiences and practices in an Adolescent and Young Adult classroom along with seminars.

EDM210
Education for Young Adolescents (3 cr. hours)
Prerequisite: EDM250 or concurrent
Offered Fall, Year 2
Fosters an understanding of the unique developmental needs and aspects of young adolescents. This course will examine not only the history and philosophy of middle school education but will explore exemplary practices, which are characteristics of effective middle childhood education.

EDM235
Middle Childhood Curriculum, Instruction & Assessment (3 cr. hours)
Prerequisite: EDM210 Co-requisite: EDU230
Offered Spring, Year 2
Building on the general concepts presented in EDM210 Education for Young Adolescents, this course begins to bridge the gap between content and practice. The course examines middle childhood curriculum and provides an in-depth review of the Ohio Academic Content Standards. The course introduces instructional models and elements of assessment theory in support of curriculum development and effective teaching. Students have opportunities to plan, teach, assess and reflect on lessons for young adolescents that are developmentally appropriate and inclusive.

EDM250
Middle Childhood Methods & Field Experience I (3 cr. hours)
Prerequisite: EDM235
Offered Fall, Year 3
Provides students with opportunities to learn and practice the skills and competencies of effective teaching at the middle childhood level. This course will examine various instructional methods used to teach young adolescents in all four curriculum content area and reading. The course includes a field experience in a middle childhood setting.

EDM351
Language Arts and Social Studies Methods and Field Experience II (3 cr. hours)
Prerequisite: EDM250
Offered Fall, Year 4
Provides students with opportunities to learn and practice Middle Childhood pedagogy in your licensure areas (language arts and social studies). Students will engage in all elements of the Teacher Performance Assessment, including planning instruction and assessment, instructing and engaging students in learning, assessing student learning, and final retrospective reflection. The course includes an extensive field experience in a Middle Childhood setting for both of your licensure areas. This course must be passed with a C+ or better. Falling below a C+ will result in the need to retake the course.

EDM352
Language Arts and Mathematics Methods and Field Experience II (3 cr. hours)
Prerequisite: EDM250
Offered Fall, Year 4
Provides students with opportunities to learn and practice Middle Childhood pedagogy in your licensure areas (language arts and mathematics). Students will engage in all elements of the Teacher Performance Assessment, including planning instruction and assessment, instructing and engaging students in learning, assessing student learning, and final retrospective reflection. The course includes an extensive field experience in a Middle Childhood setting for both of your licensure areas. This course must be passed with a C+ or better. Falling below a C+ will result in the need to retake the course.

EDM353
Language Arts and Science Methods and Field Experience II (3 cr. hours)
Prerequisite: EDM250
Offered Fall, Year 4
Provides students with opportunities to learn and practice Middle Childhood pedagogy in your licensure areas (language arts and science). Students will engage in all elements of the Teacher Performance Assessment, including planning instruction and assessment, instructing and engaging students in learning, assessing student learning, and final retrospective reflection. The course includes an extensive field experience in a Middle Childhood setting for both of your licensure areas. This course must be passed with a C+ or better. Falling below a C+ will result in the need to retake the course.

EDM354
Science and Mathematics Methods and Field Experience II (3 cr. hours)
Prerequisite: EDM250
Offered Fall, Year 4
Provides students with opportunities to learn and practice Middle Childhood pedagogy in your licensure areas (mathematics and science). Students will engage in all elements of the Teacher Performance Assessment, including planning instruction and assessment, instructing and engaging students in learning, assessing student learning, and final retrospective reflection. The course includes an extensive field experience in a Middle Childhood setting for both of your licensure areas. This course must be passed with a C+ or better. Falling below a C+ will result in the need to retake the course.
EDM355
Science and Social Studies Methods and Field Experience II (3 cr. hours)
Prerequisite: EDM250
Offered Fall, Year 4
Provides students with opportunities to learn and practice Middle Childhood pedagogy in your licensure areas (science and social studies). Students will engage in all elements of the Teacher Performance Assessment, including planning instruction and assessment, instructing and engaging students in learning, assessing student learning, and final retrospective reflection. The course includes an extensive field experience in a Middle Childhood setting for both of your licensure areas. This course must be passed with a C+ or better. Falling below a C+ will result in the need to retake the course.

EDM356
Mathematics and Social Studies Methods and Field Experience II (3 cr. hours)
Prerequisite: EDM250
Offered Fall, Year 4
Provides students with opportunities to learn and practice Middle Childhood pedagogy in your licensure areas (mathematics and social studies). Students will engage in all elements of the Teacher Performance Assessment, including planning instruction and assessment, instructing and engaging students in learning, assessing student learning, and final retrospective reflection. The course includes an extensive field experience in a Middle Childhood setting for both of your licensure areas. This course must be passed with a C+ or better. Falling below a C+ will result in the need to retake the course.

EDM450
Middle Childhood Student Teaching (12 cr. hours)
Prerequisite: Gate 2 and EDM350, EDU319
Offered Fall, Year 5
Provides students with an intensive opportunity to put into practice the skills and competencies of effective teaching of young adolescents. Students will complete all elements of the Teacher Performance Assessment, including planning instruction and assessment, instructing and engaging students in learning, assessing student learning, and final retrospective reflection. This course is the culmination of all Professional Education and Curriculum Content courses, which comprise the Middle Childhood Education Program. This course will include intense experiences and practices in a Middle Childhood setting along with seminar sessions.

EDU100
Foundations of Education (3 cr. hours)
Offered Fall, Year 1
Provides a historical philosophical, legal, and social overview of education. Students will examine how schools are organized, administered and financed. In addition, students will explore the skills and competencies (Teacher Performance Standards) necessary to be an effective teacher. Students are required to participate in field experiences in two of the following settings: Early Childhood (grades PK-3), Middle Childhood (grades 4-9), or Adolescence to Young Adulthood (grades 7-12). Such experience will assist students in determining if teaching is a career for them and will help students decide which major (program) they will pursue. Education majors must receive a grade of ‘C’ or better. (A ‘C-’ is not acceptable) Required Field Base Experience.

EDU101
Foundations of Education Bridge Course (1 cr. hour)
This course is intended for students transferring in EDU100 from other colleges and universities. EDU101 provides students with an understanding of the requirements and expectations of the Lourdes University Department of Education. This course will focus specifically on the program requirements such as, but not limited to, the assessment gates and teacher development portfolio. Students will be required to participate in a two-day field experience if they have not had a field experience as part of their EDU100 transfer course. Education majors must receive a grade of ‘C’ or better. (A ‘C-’ is not acceptable)

EDU151
Technology in Learning (1 cr. hour)
Offered Spring
This course introduces the technological knowledge (TK) and practical skills to incorporate digital tools and resources into the learning process for PK-12 students. It focuses on the ability to use technology for information processing, communication, collaboration, critical thinking, problem solving, creativity, and innovation. In addition, it directs students to understand the use of technology as open-ended interaction, based on established principles.

EDU212
Teaching Reading Through Literature for Young Adolescents (3 cr. hours)
Prerequisites: ENG142
Offered Fall, Year 3
Focuses on the acquisition and development of reading skills, and the nature, implementation and process of reading instruction through literature. Students study the psychological and linguistic foundations of reading instruction with emphasis on the value of reading aloud to learners and strategies and skills needed to encourage and motivate students to pursue and respond to reading and writing. The course presents a practical study of fiction and nonfiction literature for young adolescents, including a study of literary elements, reading strategies, the implementation of flexible literacy programs, critical evaluation of texts and their use in the classroom. It also examines ways that various factors, such as content, purpose, tasks, settings, and cultural, linguistic, and ethnic diversity influence the reading process.
EDU214
Teaching Reading Through Literature for Children (3 cr. hours)
Prerequisites: ENG142 and EDU218
Offered Fall, Year 3
Focuses on the acquisition and development of reading skills, and the nature, implementation of process of reading instruction through literature. Students study the psychological and linguistic foundations of reading Instruction with emphasis on the value of reading aloud to learners an strategies and skills needed to encourage and motivate students to pursue and respond to reading and writing. The course presents a practical study of fiction and notification literature for children, including a study of literary elements, reading strategies, the implementation of flexible literacy programs, critical evaluation of texts and their use in the classroom. It also examines ways that various factors, such as content, purpose, tasks, settings, and cultural, linguistic, and ethnic diversity influence the reading process.

EDU216
Multicultural and Social Issues in Education (3 cr. hours)
Prerequisite: EDM235 or EDA235
Offered Spring, Year 2
Examines historical and legal multicultural issues in society. The course assists teacher candidates in the development of cultural consciousness toward and reverence for the diversity of individuals and groups within society. Teacher candidates are expected to develop an awareness of the implications and application of instruction and curriculum, which demonstrate the obligation to respect, accept, adapt and work in communion for all students' learning. EDU216 also examines social issues within the P-12 classrooms.

EDU230
Survey of Special Needs Education (3 cr. hours)
Prerequisites: EDU100
Offered Spring, Year 1
Focuses on the foundations of special education with emphasis on historical background, legal issues, a positive learning environment, disabilities and health disorders in a regular/inclusive classroom, as well as developing teaching skills for use in an inclusive classroom. Education majors must receive a grade of ’C’ or better. (A ’C-' is not acceptable.)

EDU250
Educational Psychology (3 cr. hours)
Prerequisite: EDU100
Offered Fall, Year 2
The emphasis of this course will be on the education implications of the research on child psychology, cognitive science, teaching, learning and child behavior. Theory and application will be considered together. This course provides clinical observation opportunities for candidates to apply course content to appropriate practices, guidelines, and standards. Education majors must receive a grade of ’C’ or better. (A ’C-' is not acceptable.)
**English as a Second Language (ESL) Program**

The English as a Second Language (ESL) Program is designed to help international students achieve the level of English proficiency required for their chosen degree program. It also exposes students to many facets of American culture.

The ESL program provides balanced training in the English-language skills of reading, writing, listening and speaking. There are 3 levels: Beginning (I), Intermediate (II), and Advanced (III). Entering students are given an online assessment test that measures their reading and comprehension skills. They also write an integrated essay that requires them to read a passage, listen to a brief lecture segment and write an answer to a question about the two sources. Depending on the scores in these two sections, students may also need to complete an oral interview. The assessment procedure is used to determine whether a student needs any ESL courses and what level is best suited to that student's abilities. The ESL program is part of the University's plan to prepare international students for their studies and campus life.

**ENGLISH LANGUAGE PROFICIENCY POLICY**

1. This policy will apply to all degree-seeking students for whom English is their second language and are admitted to seated TU degree programs in the United States or any foreign site. Applicants from the following English-only countries do not need to prove English proficiency: Australia, Bahamas, Barbados, Belize, Canada (except Quebec), Dominica, Grenada, Cayman Islands, Guyana, Ireland, Jamaica, Liberia, New Zealand, Trinidad and Tobago, Turks and Caicos Islands, and United Kingdom.

2. TU requires all other students whose native language is not English, and who do not submit an acceptable English language proficiency test score, to take the following battery of tests for seated courses in any undergraduate or graduate program:
   - Accuplacer ESL - Reading Skills, Sentence Meaning, and Language Usage
   - TU Integrated Essay - Reading passage, Related lecture/listening section, Essay prompt requiring students to use material from both the reading and the listening in response
   - TU Oral Interview
     > Undergraduate students will be interviewed by the ESL Director and/or a faculty member from the school of their major if deemed necessary
     > Graduate students will be interviewed by the Dean and/or the Program Chair of their degree program if deemed necessary.

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**EDU332**
Reading Diagnosis & Assessment (3 cr. hours)
*Prerequisites: EDU312 and EDU314, Co-requisite: EDU330
Offered Spring, Year 4*
Focuses on the practice and process of Authentic Reading Assessment that contribute to student learning. This course focuses on the teacher's role in the diagnostic and assessment process, the nature and interrelatedness of factors that affect reading performance, and the instruments and techniques available for the assessment and diagnosis of reading performance.

**EDU334**
The Role of Phonics in Emergent Literacy (3 cr. hours)
*Prerequisites: ENG141 and ENG142
Offered Spring, Year 2*
Integrates cognitive and language development in children and across cultures, the linguistic aspects of language (content), and pedagogy or the teaching of phonics (theory and research) and its role in emergent literacy (reading). The focus is on the physiological, developmental, and sociological aspects of cognition and receptive and expressive language. The course uses the Ohio Academic Content Standards as the basis for curriculum development of literacy approaches and content in early childhood and middle school classrooms.

**EDU331**
Technology, Pedagogy & Content Knowledge for Learning (1 cr. hour)
*Prerequisite: EDU251; Co-requisites: EDE350, EDM351-356, or EDA351-354
Offered Fall*
This course provides students with opportunities combine content knowledge, pedagogy, and technology for effective learning. Student will use this combination to create effective learning experiences for PK-12 students and facilitate their use in classrooms.

**SCI370**
Integrated Science for Teachers (3 cr. hours)
*Offered Spring even numbered years*
An interdisciplinary science course for education majors designed to provide content knowledge in areas outlined in the National Science Standards and Science for All Americans. The course will demonstrate, through praxis, themes/project based approaches to teaching and learning science. The course will focus on science as an inquiry process. The course will involve students in lecture, relevant classroom projects, participation in hands-on-science labs, resource portfolio development and creation of a teachable science unit.
3. Students entering degree programs who have achieved university-stated scores (found in the Academic Bulletin) on the TOEFL, IELTS, MELAB, Cambridge tests, or any other English proficiency test accepted by the University will not take the Accuplacer test. Undergraduates will take the integrated essay test to determine their enrollment in ENG140 or ENG141 and other credit courses. Graduate students will take the integrated essay and a plagiarism/citation quiz to confirm their ability to research, cite, and respond orally and in writing to the kinds of integrative questions used in graduate classes. They may also be asked to complete an oral interview. Graduate students who have sufficient TOEFL or other scores, but who score below a 3.5 on the essay, below a 12 on the plagiarism test and/or below a 4.4 in the interview will enter the graduate bridge program. The graduate bridge program includes MGT505/506/507 (MBA prerequisites for non-native English speakers who are unfamiliar with American business and academic writing formats).

4. Graduate and undergraduate students who do not have a score from an approved proficiency test will complete the Accuplacer test, an integrated essay, and possibly an oral interview. Students who have received certificates that indicate completion of English language training at other English-speaking universities or language schools will not take the Accuplacer, but will take the integrated essay and possible the oral interview. Students who have taken English classes, but have not completed a formal program and have no TOEFL, etc., will complete the entire battery of tests to determine appropriate placement in classes. For graduate students, this includes an additional plagiarism/citation quiz to confirm their ability to research, cite, and respond in writing to questions concerning plagiarism and APA style.

Placement levels in the English as a Second Language Program:
- Level 3: ESL109/114/130/132/172, no regular classes
- Level 2: ESL102/104/106/112/171, no regular classes
- Level 1: ESL101/103/105/110/170, no regular classes

5. Promotions from ESL levels will be based on the scores achieved in the TU battery of proficiency tests and assigned by the Proficiency Placement Grid. Students will be tested and placed upon arrival. When they are placed in ESL courses, they must pass those courses in order to earn permission to be retested at the end of the semester. Students who do not pass all of the ESL classes in their level will not be allowed to retest the proficiency tests. They must repeat the level. Promotions will not be granted simply because a student has attended class consistently. Each student must demonstrate the ability to read, write, and speak according to the requirements for each ESL level on the Proficiency Placement Grid. In order to move to the next level or higher, a student must achieve scores on the Accuplacer, essay, and if needed, the oral interview that show enough improvement to attain the next level or higher (a student may move from level 1 to level 3 or higher if there is sufficient improvement). Once they have entered the ESL program, students will not be allowed to move to the next level based on a more recent English proficiency test score (TOEFL, IELTS, etc.) during the semester; they will still be expected to follow the aforementioned promotion policy.

6. Promotions from the graduate bridge program will be based on students’ progress in the prerequisite courses (MGT505/506/507). Students who do not pass all three of the MGT prerequisites with a ‘B’ or higher will not be allowed to move into their chosen graduate program. They must repeat all of the courses the following semester.

7. Students must pass each level within two consecutive semesters; if they fail to do so, they will be dismissed from the program. Students are allowed to complete the levels in three consecutive semesters, and undergraduate students are allowed to enroll full-time in regular classes upon completion of any level if they earned the scores defined in the Proficiency Placement Grid. Graduate students who complete the levels will be enrolled in the bridge program and will have two semesters to successfully pass all three prerequisites.

8. Once a student begins a semester of ESL courses, he or she must complete the entire semester. This is especially important for graduate students. They may not enroll in ESL level 1 or 2 and decide they want to move to graduate classes at the end of the first 7-week term.

9. Late arrivals: International students must arrive by the last day to add classes (as stated in the Academic Bulletin). Students who are able to be tested for English proficiency prior to the last day to add classes may enroll in regular classes (if so placed according to the Proficiency Placement Grid). Students who do not arrive in time to be tested before the last day to add classes will automatically be placed in Level 1 ESL courses. Any student who anticipates arriving after the last day to add a class will have his/her enrollment deferred until the next semester.

10. Proficiency test scores: These averages will be used for placement when the student is initially tested. They will also be applied when students are retested at the end of each semester to demonstrate progress in their proficiency. Students who average 79 or below on Accuplacer are placed in level 1. Students who average 80 or above take the integrated essay and if needed, the oral interview. The three tests are evaluated together and placement is made based on the grid that is found below:

- Accuplacer:
  - 100 + (average on RS, LU, SM*) – Graduate bridge/Undergrad regular classes
  - 99 - 90 = Level 3
  - 89 - 80 = Level 2
  - 79 - 00 = Level 1
- *RS = Reading Skills; LU = Language Usage; SM = Sentence Meaning
- Integrated essay is graded on a scale of 0 - 4 based on the rubric.
- Oral interview is graded on a scale of 1 - 5 based on the rubric.

SCHOLARSHIPS
Tiffin University offers international scholarships to eligible international students.

GRADE CONVERSION
In order to evaluate the grades for international applicants, Tiffin University uses scales provided by World Education Services, Education USA, and AACRAO Edge.
ENGLISH AS A SECOND LANGUAGE (ESL) PROGRAM

ENGLISH AS A SECOND LANGUAGE DESCRIPTIONS

ESL100
First-Year Seminar (International) (1 cr. hour)
A student must pass with a ‘C’ or better. This course can take the place of FYS 100 for undergraduate students entering a degree program.
Offered Fall, Spring
The purpose of this course is to help each new international student make a successful transition from their country's high school or college to an American university by building social connections and improving academic preparedness.

ESL101
Reading Comprehension for 2nd Language Learners I (3 cr. hours)
Prerequisite: Placement is based on performance on the University assessment. Students must pass with a ‘C’ or better. There will be a lab fee associated with this course.
Offered Fall, Spring
Designed for foreign students with low to intermediate skills in reading English texts, this course provides the second language student with the basic skills necessary for reading texts in English and understanding them. Understanding a foreign language is more than simply knowing the correct translation of its words. Students learn how to read, evaluate, and comprehend texts written in English.

ESL102
Reading Comprehension for 2nd Language Learners II (3 cr. hours)
Prerequisite: ESL101 or performance on the University assessment instruments; Students must pass with a ‘C’ or better. There will be a lab fee associated with this course.
Offered Fall, Spring
Designed for high-intermediate to advanced students, this course focuses on developing skills and proficiency in reading authentic materials on various topics. Emphasis is placed on using reading strategies to increase speed and comprehension, reading for different purposes, and developing vocabulary in authentic contexts. The topics will include politics, history, popular culture and general fiction. Many of the articles that the students will read and review will be current events. Reading for pleasure is encouraged.

ESL: ENGLISH AS A SECOND LANGUAGE DESCRIPTIONS

LEVEL 3 (3)
ESL109 Academic Reading Skills ....................................................... 3 hours
ESL114 Foundational English Grammar III ........................................ 3 hours
ESL130 College Communication ...................................................... 3 hours
ESL132 Advanced Academic Writing .............................................. 3 hours
ESL172 Community Partnership Program for Level III ..................... 1 hour

LEVEL 2 (TWO)
ESL102 Reading Comprehension for ESL Learners II ....................... 3 hours
ESL104 Conversational English II .................................................... 3 hours
ESL106 Academic Writing ............................................................. 3 hours
ESL112 Foundational English Grammar II ...................................... 3 hours
ESL171 Community Partnership Program for Level II ...................... 1 hour

LEVEL 1 (ONE)
ESL101 Reading Comprehension for ESL Learners I ....................... 3 hours
ESL103 Conversation English I ....................................................... 3 hours
ESL105 Writing in English .............................................................. 3 hours
ESL110 Foundational English Grammar ........................................ 3 hours
ESL170 Community Partnership Program for Level I ...................... 1 hour

CERTIFICATE: ENGLISH AS A SECOND LANGUAGE (ESL)

PLACEMENT
All undergraduate and graduate international students (including those with TOEFL or IELTS scores at or above the minimum required for regular admission) will be assessed after they arrive at Tiffin University to determine their English language proficiency. The results will determine their enrollment in ESL courses or credit courses.

SEMESTERS FOR ADMISSION
Fall Semester (late August - mid December)
Spring Semester (mid January - early May)

APPLICATION DEADLINES
Fall Semester - July 15th
Spring Semester - November 15th

MEDICAL INSURANCE
All undergraduate and graduate international students must show proof of health insurance coverage while in the United States. Students who do not provide proof of their insurance coverage by a deadline set forth by the International Student Advising Office will be enrolled in the TU health insurance plan and charged accordingly.

LATE ARRIVAL POLICY
Late arrivals: International students must arrive by the last day to add classes to an existing schedule (as stated in the Academic Bulletin). Students able to test for English proficiency prior to the last day to add classes may enroll in regular classes (if so placed according to the Proficiency Placement Grid). Students who do not arrive in time to be tested before the last day to add classes will automatically be placed in ESL courses. Any student who anticipates arriving after the last day to add a class will have his/her enrollment deferred until the next semester.

ENGLISH AS A SECOND LANGUAGE (ESL) PROGRAM

ENGLISH AS A SECOND LANGUAGE (ESL) DESCRIPTIONS

ESL100
First-Year Seminar (International) (1 cr. hour)
A student must pass with a ‘C’ or better. This course can take the place of FYS 100 for undergraduate students entering a degree program.
Offered Fall, Spring
The purpose of this course is to help each new international student make a successful transition from their country’s high school or college to an American university by building social connections and improving academic preparedness.

ESL101
Reading Comprehension for 2nd Language Learners I (3 cr. hours)
Prerequisite: Placement is based on performance on the University assessment. Students must pass with a ‘C’ or better. There will be a lab fee associated with this course.
Offered Fall, Spring
Designed for foreign students with low to intermediate skills in reading English texts, this course provides the second language student with the basic skills necessary for reading texts in English and understanding them. Understanding a foreign language is more than simply knowing the correct translation of its words. Students learn how to read, evaluate, and comprehend texts written in English.

ESL102
Reading Comprehension for 2nd Language Learners II (3 cr. hours)
Prerequisite: ESL101 or performance on the University assessment instruments; Students must pass with a ‘C’ or better. There will be a lab fee associated with this course.
Offered Fall, Spring
Designed for high-intermediate to advanced students, this course focuses on developing skills and proficiency in reading authentic materials on various topics. Emphasis is placed on using reading strategies to increase speed and comprehension, reading for different purposes, and developing vocabulary in authentic contexts. The topics will include politics, history, popular culture and general fiction. Many of the articles that the students will read and review will be current events. Reading for pleasure is encouraged.
ESL109
Academic Reading Skills (3 cr. hours)
Prerequisite: ESL102 or performance on the University assessment instruments; Students must pass with a 'C' or better. There will be a lab fee associated with this course.
Offered Fall, Spring
This course is designed to expand the student's ability to learn at the college level through effective and efficient reading strategies. Combining class lecture, collaborative groups, and individualized instruction, students will participate in a variety of activities focused on learning from textbooks. These activities will develop individualized approaches to before, during, and after reading strategies. This completes the ESL reading sequence for the Certificate.

ESL110
Foundational English Grammar (3 cr. hours)
Prerequisite: Placement is based on performance on the University assessment; Students must pass with a 'C' or better. There will be a lab fee associated with this course.
Offered Fall, Spring
In this introductory English grammar course, topics include a verb tense review, the use of articles, structures used to compose compound and complex sentences, and the use of prepositions. A variety of activities, exercises, and evaluative measures will help students to develop their grammar skills.

ESL112
Foundational English Grammar II (3 cr. hours)
Prerequisite: ESL110 or performance on the University assessment instruments; Students must pass with a 'C' or better. There will be a lab fee associated with this course.
Offered Fall, Spring
In this comprehensive English grammar course, topics will include the effective use of phrases and clauses, use of verbs (e.g. gerunds, infinitives), extensive work with verb tenses, and passive/active voice. A variety of activities, exercises, and evaluative measures will help students to develop their grammar skills.

ESL114
English Grammar III (3 cr. hours)
Prerequisite: ESL112 or performance on the University assessment instruments; Students must pass with a 'C' or better. There will be a lab fee associated with this course.
Offered Fall, Spring
This course is the third in a sequence that provides an extended, comprehensive study of English grammar. The topics include a verb tense review with emphasis on irregular verb forms, the use of active and passive voice, structures used to compose compound and complex sentences, and the use of verbs and modal auxiliaries. This completes the ESL grammar sequence for the Certificate.
ESL130
College Communication (3 cr. hours)
Prerequisite: ESL104 or performance on the University assessment instrument; Students must pass with a ‘C’ or better. There will be a lab fee associated with this course.
Offered Fall, Spring
This course is designed for advanced students in the development and improvement of communication and listening skills needed to successfully participate and contribute in an academic learning environment. Listening and communicating in group situations and class presentations will be required. Accurate pronunciation will also be a main focal point of the class. This completes the ESL conversation sequence for the Certificate.

ESL132
Advanced Academic Writing (3 cr. hours)
Prerequisite: ESL106 performance on the University assessment instrument; Students must pass with a ‘C’ or better. There will be a lab fee associated with this course.
Offered Fall, Spring
This course continues the ESL instruction in written communication for an academic environment. Emphasis is placed on development, structure, and writing of, summaries, reactions, and critiques in paragraph and essay formats. This course includes thorough practice of the basic and advanced rules of grammar, sentence structure, and diction. The preliminary elements of academic research and writing are explored. This completes the ESL writing sequence for the Certificate.

ESL170
Community Partnership for Level 1 (1 cr. hour)
Students who do not meet the contact hour requirement for the course will not pass and must repeat it.
Offered Fall, Spring
This course is designed to expose beginning international students to American culture and communication through community involvement in local schools and organizations. Students are required to gain a minimum of 36 contact hours at an assigned location during the semester. The purpose of this course is to help international students expand both their communication skills and their understanding of American culture while fostering strong relationships within the community.

ESL171
Community Partnership for Level 2 (1 cr. hour)
Students who do not meet the contact hour requirement for the course will not pass and must repeat it.
Offered Fall, Spring
This course is designed to expose intermediate international students to American culture and communication through community involvement in local schools and organizations. Students are required to gain a minimum of 36 contact hours at an assigned location during the semester. The purpose of this course is to help international students expand both their communication skills and their understanding of American culture while fostering strong relationships within the community.

ESL172
Community Partnership for Level 3 (1 cr. hour)
Students who do not meet the contact hour requirement for the course will not pass and must repeat it.
Offered Fall, Spring
This course is designed to expose advanced international students to American culture and communication through community involvement in local schools and organizations. Students are required to gain a minimum of 36 contact hours at an assigned location during the semester. The purpose of this course is to help international students expand both their communication skills and their understanding of American culture while fostering strong relationships within the community.

ESL507*
Fundamentals of Professional Research & Writing (4 cr. hours)
Prerequisite: Graduate level international students accepted into the MBA program. This course will be required of all international students from non-English speaking countries who cannot demonstrate familiarity with American academic writing requirements (specifically, APA documentation and source citations) based on university assessment. Students must receive a grade of 'B' or better to move on in graduate program. Cannot be used to fulfill graduation requirements.
This course is designed as a comprehensive introduction to research writing and professional communication at the graduate level. The course will cover the entire research process as it applies to various academic settings while also further immersing students in the English language. Students will be exposed to the various types of research writing with emphasis on the proper use of English grammar, spelling, and punctuation. They will also become familiar with academic formatting, APA documentation, and the requirements that avoid all types of plagiarism.

ESL508*
Fundamentals of Professional Communication for Graduate Students (4 cr. hours)
Prerequisite: Graduate level international students accepted into the MBA program. This course will be required of all international students from non-English speaking countries who cannot demonstrate communication skills based on university assessment. Students must receive a grade of 'B' or better to move on in graduate program. Cannot be used to fulfill graduation requirements.

ENG140
Introduction to College Reading and Writing (ESL emphasis) (3 cr. hours)
Prerequisite: Placement is based on performance on the University assessment; Students must receive a grade of ‘B’ or better to move on in graduate program. Cannot be used to fulfill graduation requirements.
Offered Fall, Spring
This course emphasizes the structure, development, and writing of sentences and paragraphs and introduces college-level essay writing. In addition, this course includes a thorough review of the basic and advanced rules of grammar, sentence structure, and diction. This course is not for graduation credit. Students must earn a ‘C’ or better in this course to enroll in ENG141. Students will be able to attempt this course two times. This section offers special emphasis on the needs of ESL students.
ENG141
Rhetoric and Introduction to Research Writing (ESL emphasis) (3 cr. hours)
Prerequisite: ENG140 or performance on the University assessment Instruments; Students must receive a grade of 'C' or better to enroll in ENG142.
Offered Fall, Spring
This course prepares students for academic writing and research. Students will develop skills in summary, synthesis, and argument writing and will be introduced to college research. They may be taught these skills through a variety of rhetorical modes (pro/con, cause/effect, comparison/contrast, etc.) and/or through rhetorical analysis (ethos, logos, and pathos). Emphasis is placed on developing essays characterized by strong thesis statements; focused, coherent, and logically ordered paragraphs; correct grammar; and correct documentation in APA style. Students must receive a grade of 'C' or better to enroll in ENG 142. This section offers special emphasis on the needs of ESL students.

GRADUATE ESL ACADEMIC POLICIES
1. Students in Level IV are graded on the same scale used in credit courses in the university. They must pass each course with a 'B'. Students who do not successfully complete any level will be required to repeat it. If they do not complete that level on the second try, they will be dismissed from the program.
2. Graduate students who successfully complete Level IV, and other ESL students who test out of the ESL program, will be placed in the graduate bridge program. The graduate bridge program includes MGT 505/506 (MBA prerequisites for non-native English speakers who are unfamiliar with American business and academic writing formats).
3. Graduate students must pass all of the courses in the bridge program (MGT505/506) before they will be allowed to enroll in their Master's classes. Non-ESL students will not be permitted to enroll in the ESL sections.
4. Students enrolled in the ESL program will be assigned to an adviser from the ESL program until they have successfully completed all of their ESL requirements.

GRADUATE ESL BRIDGE FOR MBA STUDENTS ONLY
MGT505 Fundamentals of Business Enterprise ...................................................... 2 hours
MGT506 Fundamentals of Quantitative Business Methods .................................... 2 hours

MGT505*
Fundamentals of Business Enterprise (2 cr. hours)
Students must receive a 'B' or better in order to move on in graduate program. Cannot be used to fulfill graduation requirements.
This course is the first step in a well-planned learning agenda that prepares students in understanding the basic tenets of the business environment. Students will be exposed to common professional components within the Tiffin University MBA program including business policy, business ethics, legal issues, globalization, marketing, and management (Organizational Behavior, Human Resources and Operation Management).

MGT506*
Fundamentals of Quantitative Business Methods (2 cr. hours)
Students must receive a 'B' or better in order to move on in graduate program. Cannot be used to fulfill graduation requirements.
This class is for MBA students whose undergraduate studies and/or experience need to be supplemented by an additional course in the quantitative skills necessary to be successful in the Tiffin University MBA program. The course provides an overview of accounting, economics, finance, information systems and statistics.

* ESL courses, MGT505 and MGT506 cannot be used to fulfill graduation requirements. Students required to take these courses may need to attend additional semesters to meet graduation requirements.