# General Education Courses

A Guide for UM Advisors

To access the Bulletin’s full list of General Education courses, click here.

<table>
<thead>
<tr>
<th>Gen Ed Area</th>
<th>Gen Ed Courses</th>
<th>Credit Hours</th>
<th>Prerequisites or Entry Requirements</th>
<th>Semester &amp; Format offered</th>
<th>Further Notes</th>
</tr>
</thead>
</table>

## 1. Written Composition

- **ENG 101 - Composition I**
  - 3
  - Students must get a C or better in ENG 101 to progress on to ENG 102. The grade for English 101 is reported as A, B, C, or NC (No Credit).

- **ENG 102 - Composition II**
  - 3
  - C or better in ENG 101
  - Students must receive a minimum grade of C in English 102 in order to progress on to ENG 231/232. The grade for English 102 is reported as A, B, C, or NC (No Credit).

- **ENG 103 - Honors Composition I**
  - 3
  - Honors students only.
  - Students must receive a minimum grade of C in English 103 in order to progress on to ENG 104. The grade for English 103 is reported as A, B, C, or NC (No Credit).

- **ENG 104 - Honors Composition II**
  - 3
  - C or better in ENG 103. Honors students only.
  - Students must receive a minimum grade of C in English 104 in order to progress on to ENG 233/234. The grade for English 104 is reported as A, B, C, or NC (No Credit).

## 2. Humanities & Fine Arts

### Literature

- **ENG 231 - Global Literature: Perspectives Across Periods and Locations**
  - 3
  - ENG 102 or 104
  - Each section of ENG 231 emphasizes a slightly different theme; a list of section themes is available in the main office of the Department of English and Foreign Languages. Satisfies humanities general education requirement for 3 hours in literature or 3 hours in humanities.

- **ENG 232 - Global Literature: Perspectives Within a Period or Location**
  - 3
  - ENG 102 or 104
  - Each section of ENG 232 emphasizes a slightly different topic; a list of section topics is available in the main office of the Department of English and Foreign Languages. Satisfies humanities general education requirement for 3 hours in literature or 3 hours in humanities.

- **ENG 233 - Honors Global Literature: Perspectives Across Periods and Locations**
  - 3
  - ENG 104. Honors students only.
  - Each section of ENG 233 emphasizes a slightly different theme; a list of section themes is available in the main office of the Department of English and Foreign Languages. Satisfies humanities general education requirement for 3 hours in literature or 3 hours in humanities.

- **ENG 234 - Honors Global Literature: Perspectives Within a Period or Location**
  - 3
  - ENG 104. Honors students only.
  - Each section of ENG 234 emphasizes a slightly different topic; a list of section topics is available in the main office of the Department of English and Foreign Languages. Satisfies humanities general education requirement for 3 hours in literature or 3 hours in humanities.

### Communication Studies

- **COMS 101 - Foundations of Oral Communication**
  - 3
  - Typical course.

- **COMS 102 - Honors Foundations of Oral Communication**
  - 3
  - Honors students only.

### Fine Arts

#### Art

- **ART 100 - Art Awareness**
  - 3
  - Sophomore standing or above.

- **ART 218 - History of Art I**
  - 3
  - Sophomore standing or above.

- **ART 219 - History of Art II**
  - 3
  - Sophomore standing or above.

#### Mass Comm

- **MC 325 - Survey of American Cinema**
  - 3
  - Typical course.

#### Music

- **MUS 121 - Invitation to Listening**
  - 3
  - Honors students only.

- **MUS 122 - Invitation to Listening (Honors)**
  - 3
  - MUS 113

- **MUS 235 - American Music Culture**
  - 3
  - MUS 113

- **MUS 251 - Principles of Music Theory III**
  - 3
  - MUS 341

- **MUS 255 - School Music for the Elementary Teacher**
  - 3
  - MUS 341

- **MUS 342 - Music History, 19th Century to Present**
  - 3
  - MUS 341

#### Theatre

- **THEA 120 - Introduction to Theatre**
  - 3
  - Typical course.

- **THEA 122 - Honors Introduction to Theatre**
  - 3
  - Honors students only.

### Humanities

#### Literature
• ENG 231 - Global Literature: Perspectives Across Periods and Locations 3 ENG 102 or 104
Each section of ENG 231 emphasizes a slightly different theme; a list of section themes is available in the main office of the Department of English and Foreign Languages. Satisfies humanities general education requirement for 3 hours in literature or 3 hours in humanities.

• ENG 232 - Global Literature: Perspectives Within a Period or Location 3 ENG 102 or 104
Each section of ENG 232 emphasizes a slightly different topic; a list of section topics is available in the main office of the Department of English and Foreign Languages. Satisfies humanities general education requirement for 3 hours in literature or 3 hours in humanities.

• ENG 233 - Honors Global Literature: Perspectives Across Periods and Locations 3 ENG 104. Honors students only.
Each section of ENG 233 emphasizes a slightly different theme; a list of section themes is available in the main office of the Department of English and Foreign Languages. Satisfies humanities general education requirement for 3 hours in literature or 3 hours in humanities.

• ENG 234 - Honors Global Literature: Perspectives Within a Period or Location 3 ENG 104. Honors students only.
Each section of ENG 234 emphasizes a slightly different topic; a list of section topics is available in the main office of the Department of English and Foreign Languages. Satisfies humanities general education requirement for 3 hours in literature or 3 hours in humanities.

French
• FRN 101 - Introductory French I 3
• FRN 102 - Introductory French II 3
A grade of C or better in FRN 101 or equivalent or placement by departmental exam.
May not be taken by students who have received credit for either FRN 101 or FRN 102. A minimum of one year of high school French is required to take this course.

• FRN 150 - Accelerated Introductory French 6
A grade of C or better in FRN 102 or 150, or equivalent or placement by departmental exam.
May not be taken by students who have credit for either FRN 201 or FRN 202. Prerequisite(s): A Grade of C or better in FRN 102 or FRN 150 or equivalent or placement by departmental exam.

• FRN 201 - Intermediate French I 3
A grade of C or better in FRN 201 or equivalent or placement by departmental exam.

• FRN 202 - Intermediate French II 3

• FRN 250 - Accelerated Intermediate French 6

Spanish
• SPN 101 - Introductory Spanish I 3
A grade of C or better in SPN 101 or equivalent or placement by departmental exam.
Honors students only.

• SPN 102 - Introductory Spanish II 3
A grade of C or better in SPN 102 or equivalent or placement by departmental exam.

• SPN 103 - Honors Introductory Spanish I 3

• SPN 104 - Honors Introductory Spanish II 3

• SPN 150 - Accelerated Introductory Spanish 6

• SPN 201 - Intermediate Spanish I 3
A minimum of one year of high school Spanish is required to take this course. May not be taken by students who have received credit for either SPN 101/103 or SPN 102/104.

• SPN 202 - Intermediate Spanish II 3
A grade of C or better in SPN 201 or SPN 150 or equivalent or placement by departmental exam.

• SPN 205 - Intermediate Spanish I 3

• SPN 250 - Accelerated Intermediate Spanish 6

German
• GER 101 - Introductory German I 3
A grade of C or better in GER 101 or equivalent or placement by departmental exam.

• GER 102 - Introductory German II 3

• GER 201 - Intermediate German I 3

• GER 202 - Intermediate German II 3

Philosophy
• PHIL 110 - Introduction to Philosophy 3
Honors students only.

• PHIL 111 - Honors Introduction to Philosophy 3

• PHIL 180 - Critical Reasoning 3
Honors students only.

• PHIL 220 - Ethics 3

• PHIL 221 - Honors Ethics 3

• PHIL 230 - Science, Technology, and Value 3

• PHIL 280 - Ancient and Medieval Philosophy 3

• PHIL 290 - Modern Philosophy 3

3. Natural Sciences & Mathematics

Natural Sciences

Biology
• BIO 100 - Principles of Biology 4
3 lectures, one 2 hour lab. Students may not take this course for credit after completing a higher level Biology course with a C or better.
### Mathematics

**Note:** MATH 131 is prerequisite to all general education mathematics courses. Currently, a mathematics ACT subscore of at least 20 is the equivalent of this prerequisite. However, borderline students, especially those who have been away from mathematics for a few years, should be advised into MATH 131 first before taking MATH 144 or higher.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 131</td>
<td>Honors Introductory Calculus</td>
<td>4</td>
<td>MATH 131 or higher, or Mathematics ACT subscore of 40, or Mathematics SAT</td>
<td>This column shows which math course is best</td>
</tr>
<tr>
<td>MATH 144</td>
<td>Pre-Calculus Algebra</td>
<td>3</td>
<td>MATH 131 or 147, or Mathematics ACT minimum subscore of 20, or Mathematics</td>
<td>suited to your advisee. The numbering of</td>
</tr>
<tr>
<td>MATH 147</td>
<td>Finite Mathematics</td>
<td>3</td>
<td>MATH 131 or 144, or Mathematics ACT minimum subscore of 444.</td>
<td>the 100-level Gen Ed Mathematics courses</td>
</tr>
<tr>
<td>MATH 149</td>
<td>Pre-Calculus Trigonometry</td>
<td>3</td>
<td>MATH 144 or Mathematics ACT minimum subscore of 20, or Mathematics SAT</td>
<td>does not necessarily reflect order of</td>
</tr>
<tr>
<td>MATH 150</td>
<td>Pre-Calculus Algebra and Trigonometry</td>
<td>4</td>
<td>MATH 131, 144, or 147, or Mathematics ACT minimum subscore of 20,</td>
<td>difficulty. (Indeed, MATH 154, 144, and 147</td>
</tr>
<tr>
<td>MATH 154</td>
<td>The Nature of Mathematics</td>
<td>3</td>
<td>MATH 131 or 144, or Mathematics ACT minimum subscore of 20, or Mathematics</td>
<td>are all of comparable difficulty.) For most</td>
</tr>
<tr>
<td>MATH 155</td>
<td>Honors Nature of Mathematics</td>
<td>3</td>
<td>MATH 131 or 144, or Mathematics ACT minimum subscore of 20, or Mathematics</td>
<td>majors outside of mathematics or the</td>
</tr>
</tbody>
</table>

### General Education Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 105</td>
<td>Introductory Biology I</td>
<td>4</td>
<td>Biology, Chemistry, Family and Consumer Sciences, Exercise &amp; Nutrition</td>
<td>This column shows which math course is best</td>
</tr>
<tr>
<td>BIO 106</td>
<td>Introductory Biology II</td>
<td>4</td>
<td>Science, Psychology and Social Work, or by consent of instructor.</td>
<td>suited to your advisee. The numbering of</td>
</tr>
<tr>
<td>BIO 107</td>
<td>Honors Introductory Biology I</td>
<td>4</td>
<td>Honors Students only</td>
<td>the 100-level Gen Ed Mathematics courses</td>
</tr>
</tbody>
</table>

### Chemistry

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 100</td>
<td>Fundamentals of Chemistry</td>
<td>4</td>
<td>High school algebra</td>
<td></td>
</tr>
<tr>
<td>CHEM 101</td>
<td>Basic Chemistry I</td>
<td>4</td>
<td>MATH 131 or higher, or Mathematics ACT minimum subscore of 20, or Mathematics</td>
<td></td>
</tr>
<tr>
<td>CHEM 102</td>
<td>Basic Chemistry II</td>
<td>4</td>
<td>MATH 131 or higher, or Mathematics ACT minimum subscore of 444.</td>
<td></td>
</tr>
<tr>
<td>CHEM 121</td>
<td>General Chemistry I</td>
<td>4</td>
<td>CHEM 101 before enrolling in this course. Students who have not</td>
<td></td>
</tr>
<tr>
<td>CHEM 122</td>
<td>General Chemistry II</td>
<td>4</td>
<td>successfully completed a high school chemistry course are strongly</td>
<td></td>
</tr>
</tbody>
</table>

### Environmental Studies

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 100</td>
<td>Environmental Science</td>
<td>4</td>
<td>High school algebra</td>
<td></td>
</tr>
</tbody>
</table>

### Geology

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 110</td>
<td>Physical Geology</td>
<td>4</td>
<td>MATH 131, 144, or 147, or Mathematics ACT minimum subscore of 20, or</td>
<td></td>
</tr>
<tr>
<td>GEOG 115</td>
<td>Historical Geology</td>
<td>4</td>
<td>Mathematics SAT minimum subscore of 444.</td>
<td></td>
</tr>
</tbody>
</table>

### Physics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 100</td>
<td>Introductory Physics</td>
<td>4</td>
<td>MATH 131 or higher, or Mathematics ACT subscore of 20 or higher, or</td>
<td>This column shows which math course is best</td>
</tr>
<tr>
<td>PHYS 201</td>
<td>College Physics I</td>
<td>4</td>
<td>MATH 149, 150, or 170.</td>
<td>suited to your advisee. The numbering of</td>
</tr>
<tr>
<td>PHYS 241</td>
<td>University Physics I</td>
<td>4</td>
<td>MATH 170</td>
<td>the 100-level Gen Ed Mathematics courses</td>
</tr>
</tbody>
</table>
4. History, Social & Behavioral Sciences

History

- HIST 101 - History of World Civilizations I 3
- HIST 102 - History of World Civilizations II 3
- HIST 103 - History of World Civilizations for Honors Students (Prehistoric to 1500 A.D.) 3
- HIST 104 - History of World Civilizations for Honors Students II (1500 A.D. to present) 3

Social & Behavioral Sciences

Economics

- EC 231 - Introduction to Macroeconomics 3
- EC 232 - Introduction to Microeconomics 3

Family & Consumer Sciences

- FCS 281 - Introduction to Nutrition 3
- FCS 291 - Individual and Family Development 3
- FCS 402 - Dynamics of Family Relationships 3

Includes observation hours.

Geography

- GEOG 231 - World Regional Geography 3

History

- HIST 101 - History of World Civilizations I 3
- HIST 102 - History of World Civilizations II 3
- HIST 103 - History of World Civilizations for Honors Students (Prehistoric to 1500 A.D.) 3
- HIST 104 - History of World Civilizations for Honors Students II (1500 A.D. to present) 3

Political Science

- POS 200 - American National Government 3
- POS 250 - State and Local Government 3

Psychology

- PSYC 201 - Foundations in Psychology 3

Sociology

- SOC 101 - Introductory Sociology 3
- SOC 102 - Honors Introductory Sociology 3

Honors students only.

Social Work

- SWK 203 - Introduction to Social Welfare and Social Work 3
- SWK 260 - Social Work Practice with Children and Families 3
- SWK 322 - Human Behavior and the Social Environment 3

Prerequisite(s) with concurrency allowed: SWK 203.

5. Personal Development

Art

- ART 250 - Introduction to New Media 3
- ART 255 - Introduction to Graphic Design 3

Education

- ED 447 - Technology for Today's Classroom 3


Environmental Studies

- ES 200 - Environment and Society 3

Family & Consumer Sciences

- FCS 281 - Introduction to Nutrition 3

Exercise & Nutrition Science

- ENS 120 - Health Wellness 3
<table>
<thead>
<tr>
<th>Discipline</th>
<th>Course</th>
<th>Units</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td>MATH 261 - Introduction to Programming and Computer Algebra Systems</td>
<td>3</td>
<td>MATH 170. Spring Semester</td>
</tr>
<tr>
<td>Management Information Systems</td>
<td>MIS 161 - Introduction to Computers</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Music</td>
<td>MUS 228 - Music Technology</td>
<td>2</td>
<td>Consent of Instructor required.</td>
</tr>
</tbody>
</table>
## General Education Courses

A Guide for UM Advisors

To access the Bulletin's full list of General Education courses, [click here](#).

### Subject: Art

<table>
<thead>
<tr>
<th>Subject</th>
<th>Art Ed Courses</th>
<th>Credit Hours</th>
<th>Prerequisites or Entry Requirements</th>
<th>Semester &amp; Format offered</th>
<th>Further Notes</th>
<th>Gen Ed requirement satisfied by this course</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ART 100 - Art Awareness</td>
<td>3</td>
<td>Sophomore standing or above.</td>
<td>Humanities &amp; Fine Arts</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ART 210 - History of Art</td>
<td>3</td>
<td>Sophomore standing or above.</td>
<td>Humanities &amp; Fine Arts</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ART 212 - History of Art II</td>
<td>3</td>
<td>Sophomore standing or above.</td>
<td>Humanities &amp; Fine Arts</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ART 299 - Introduction to New Media</td>
<td>1</td>
<td>ART 112 and 122</td>
<td>Personal Development</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ART 395 - Introduction to Graphic Design</td>
<td>3</td>
<td>ART 112 and 122</td>
<td>Personal Development</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Subject: Biology

<table>
<thead>
<tr>
<th>Subject</th>
<th>Biology Ed Courses</th>
<th>Credit Hours</th>
<th>Prerequisites or Entry Requirements</th>
<th>Semester &amp; Format offered</th>
<th>Further Notes</th>
<th>Gen Ed requirement satisfied by this course</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>BIO 105 - Principles of Biology</td>
<td>4</td>
<td>Open to students in the following majors: Biology, Chemistry, Family &amp; Consumer Sciences, Exercise &amp; Nutrition Science, Psychology and Social Work, or by consent of instructor.</td>
<td>Natural Sciences</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>BIO 106 - Introductory Biology I</td>
<td>4</td>
<td>Fall Semester/ Summer Session</td>
<td>Natural Sciences</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
|         | BIO 106 - Introductory Biology II | 4          | Open to students in the following majors: Biology, Chemistry, Family & Consumer Sciences, Exercise & Nutrition Science, Psychology and Social Work, or by consent of instructor. Students who have not successfully completed a high school chemistry course are strongly encouraged to complete CHEM 101 before enrolling in this course. Prerequisites(s): MATH 111 or higher, or Mathematics SAT minimum subscore of 520, or Mathematics ACT minimum subscore of 20, or Mathematics SAT minimum subscore of 44.
|         | BIO 107 - Honors Introductory Biology I | 4          | Open to students in the following majors: Biology, Chemistry, Family & Consumer Sciences, Exercise & Nutrition Science, Psychology and Social Work, or by consent of instructor. Students who have not successfully completed a high school chemistry course are strongly encouraged to complete CHEM 101 before enrolling in this course. Prerequisites(s): MATH 111 or higher, or Mathematics SAT minimum subscore of 520, or Mathematics ACT minimum subscore of 20, or Mathematics SAT minimum subscore of 44. | Natural Sciences | | |

### Subject: Chemistry

<table>
<thead>
<tr>
<th>Subject</th>
<th>Chemistry Ed Courses</th>
<th>Credit Hours</th>
<th>Prerequisites or Entry Requirements</th>
<th>Semester &amp; Format offered</th>
<th>Further Notes</th>
<th>Gen Ed requirement satisfied by this course</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CHEM 100 - Fundamentals of Chemistry</td>
<td>4</td>
<td>Course open to students in the following majors: Biology, Chemistry, Family &amp; Consumer Sciences, Exercise &amp; Nutrition Science, Psychology and Social Work, or by consent of instructor. Students who have not successfully completed a high school chemistry course are strongly encouraged to complete CHEM 101 before enrolling in this course. Prerequisites(s): MATH 111 or higher, or Mathematics SAT minimum subscore of 520, or Mathematics ACT minimum subscore of 20, or Mathematics SAT minimum subscore of 44.</td>
<td>Natural Sciences</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CHEM 101 - Basic Chemistry I</td>
<td>4</td>
<td>Fall Semester</td>
<td>Natural Sciences</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CHEM 102 - Basic Chemistry II</td>
<td>4</td>
<td>Spring/Semester</td>
<td>Natural Sciences</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CHEM 121 - General Chemistry I</td>
<td>4</td>
<td>Open to students in the following majors: Biology, Chemistry, Family &amp; Consumer Sciences, Exercise &amp; Nutrition Science, Psychology and Social Work, or by consent of instructor. Students who have not successfully completed a high school chemistry course are strongly encouraged to complete CHEM 101 before enrolling in this course. Prerequisites(s): MATH 111 or higher, or Mathematics SAT minimum subscore of 520, or Mathematics ACT minimum subscore of 20, or Mathematics SAT minimum subscore of 44.</td>
<td>Natural Sciences</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CHEM 122 - General Chemistry II</td>
<td>4</td>
<td>CHEM 121 with a C or better.</td>
<td>Natural Sciences</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Subject: Communication Studies

<table>
<thead>
<tr>
<th>Subject</th>
<th>Communication Studies Ed Courses</th>
<th>Credit Hours</th>
<th>Prerequisites or Entry Requirements</th>
<th>Semester &amp; Format offered</th>
<th>Further Notes</th>
<th>Gen Ed requirement satisfied by this course</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>COMS 101 - Foundations of Oral Communication</td>
<td>3</td>
<td></td>
<td></td>
<td>Humanities &amp; Fine Arts</td>
<td></td>
</tr>
<tr>
<td></td>
<td>COMS 102 - Honors Foundations of Oral Communication</td>
<td>3</td>
<td>Honors students only.</td>
<td></td>
<td>Humanities &amp; Fine Arts</td>
<td></td>
</tr>
</tbody>
</table>

### Subject: Economics

<table>
<thead>
<tr>
<th>Subject</th>
<th>Economics Ed Courses</th>
<th>Credit Hours</th>
<th>Prerequisites or Entry Requirements</th>
<th>Semester &amp; Format offered</th>
<th>Further Notes</th>
<th>Gen Ed requirement satisfied by this course</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>EC 231 - Introduction to Microeconomics</td>
<td>3</td>
<td></td>
<td>Social &amp; Behavioral Sciences</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>EC 232 - Introduction to Macroeconomics</td>
<td>3</td>
<td></td>
<td>Social &amp; Behavioral Sciences</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Subject: Education

<table>
<thead>
<tr>
<th>Subject</th>
<th>Education Ed Courses</th>
<th>Credit Hours</th>
<th>Prerequisites or Entry Requirements</th>
<th>Semester &amp; Format offered</th>
<th>Further Notes</th>
<th>Gen Ed requirement satisfied by this course</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ED 437 - Technology-Based Instructional Strategies</td>
<td>2</td>
<td>Admission to TEP required. Prerequisites(s): ED 430, ED 491, EDF 375, EDRE 460 and EDRE 480. Cross-listed with ED 527.</td>
<td>?</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ED 447 - Technology for Today’s Classroom</td>
<td>1</td>
<td>Cross-listed with ED 547.</td>
<td>Personal Development</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Subject: English

<table>
<thead>
<tr>
<th>Subject</th>
<th>English Ed Courses</th>
<th>Credit Hours</th>
<th>Prerequisites or Entry Requirements</th>
<th>Semester &amp; Format offered</th>
<th>Further Notes</th>
<th>Gen Ed requirement satisfied by this course</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ENG 101 - Composition I</td>
<td>3</td>
<td>Students must get a C or better in ENG 101 to progress on to ENG 102. The grade for English 101 is reported as A, B, C, or NC (No Credit).</td>
<td></td>
<td>Written Composition</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ENG 102 - Composition II</td>
<td>3</td>
<td>C or better in ENG 101</td>
<td></td>
<td>Written Composition</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ENG 103 - Honors Composition I</td>
<td>3</td>
<td>Honors students only.</td>
<td></td>
<td>Written Composition</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ENG 104 - Honors Composition II</td>
<td>3</td>
<td>C or better in ENG 103. Honors students only.</td>
<td></td>
<td>Written Composition</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ENG 111 - Global Literature: Perspectives Across Periods and Geographies</td>
<td>3</td>
<td>Each section of ENG 210 emphasizes a slightly different theme; a list of section themes is available in the main office of the Department of English and Foreign Languages. Satisfies humanities general education requirement for 3 hours in literature or 3 hours in humanities.</td>
<td></td>
<td>Humanities &amp; Fine Arts</td>
<td></td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
<td>Notes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------</td>
<td>--------------</td>
<td>---------</td>
<td>-------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FRN 201 – Introductory French I</td>
<td>3</td>
<td>A grade of C or better in FRN 101 or equivalent or placement by departmental exam.</td>
<td>Humanities &amp; Fine Arts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FRN 202 – Intermediate French I</td>
<td>3</td>
<td>A grade of C or better in FRN 201 or equivalent or placement by departmental exam.</td>
<td>Humanities &amp; Fine Arts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FRN 250 – Accelerated Intermediate French</td>
<td>6</td>
<td>A grade of C or better in FRN 201 or FRN 202 or equivalent or placement by departmental exam.</td>
<td>Humanities &amp; Fine Arts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG 232 – Global Literature: Perspectives Within a Period or Location</td>
<td>3</td>
<td>Includes lectures and lab</td>
<td>Humanities &amp; Fine Arts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG 232 – Honors Global Literature: Perspectives Across Periods and Locations</td>
<td>3</td>
<td>Honors students only.</td>
<td>Humanities &amp; Fine Arts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG 234 – Honors Global Literature: Perspectives Within a Period or Location</td>
<td>3</td>
<td>Honors students only.</td>
<td>Humanities &amp; Fine Arts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENS 120 – Health Wellness</td>
<td>3</td>
<td></td>
<td>Personal Development</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PCS 281 – Introduction to Nutrition</td>
<td>1</td>
<td></td>
<td>Social &amp; Behavioral Sciences</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PCS 291 – Individual and Family Development</td>
<td>1</td>
<td>Includes observation hours.</td>
<td>Social &amp; Behavioral Sciences</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST 101 – History of World Civilizations I</td>
<td>3</td>
<td></td>
<td>History, Social &amp; Behavioral Sciences</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST 102 – History of World Civilizations II</td>
<td>3</td>
<td></td>
<td>History, Social &amp; Behavioral Sciences</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST 104 – History of World Civilizations for Honors Students</td>
<td>3</td>
<td>Honors students only</td>
<td>History, Social &amp; Behavioral Sciences</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST 231 – World Regional Geography</td>
<td>3</td>
<td></td>
<td>Social &amp; Behavioral Sciences</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOG 110 – Physical Geography</td>
<td>4</td>
<td>Lecture and one 2-hour lab.</td>
<td>Natural Sciences</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOG 115 – Historical Geography</td>
<td>4</td>
<td>Lecture and one 2-hour lab.</td>
<td>Natural Sciences</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GER 101 – Introductory German I</td>
<td>3</td>
<td>A grade of C or better in GER 102 or equivalent or placement by departmental exam.</td>
<td>Humanities &amp; Fine Arts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GER 102 – Intermediate German I</td>
<td>3</td>
<td>A grade of C or better in GER 201 or equivalent or placement by departmental exam.</td>
<td>Humanities &amp; Fine Arts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GER 201 – Intermediate German II</td>
<td>3</td>
<td>A grade of C or better in GER 202 or equivalent or placement by departmental exam.</td>
<td>Humanities &amp; Fine Arts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GER 260 – Survey of American Cinema</td>
<td>4</td>
<td></td>
<td>Humanities &amp; Fine Arts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FRN 201 – Accelerated Intermediate French</td>
<td>3</td>
<td>A grade of C or better in FRN 101 or equivalent or placement by departmental exam.</td>
<td>Humanities &amp; Fine Arts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOL 110 – Physical Geology</td>
<td>4</td>
<td></td>
<td>Natural Sciences</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOL 115 – Historical Geology</td>
<td>4</td>
<td></td>
<td>Natural Sciences</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GER 101 – Introductory German I</td>
<td>3</td>
<td></td>
<td>Humanities &amp; Fine Arts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GER 102 – Intermediate German II</td>
<td>3</td>
<td></td>
<td>Humanities &amp; Fine Arts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GER 201 – Intermediate German I</td>
<td>3</td>
<td></td>
<td>Humanities &amp; Fine Arts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GER 202 – Intermediate German II</td>
<td>3</td>
<td></td>
<td>Humanities &amp; Fine Arts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG 233 – Honors Global Literature: Perspectives Across Periods and Locations</td>
<td>3</td>
<td></td>
<td>Humanities &amp; Fine Arts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG 233 – Honors Global Literature: Perspectives Across Periods and Locations</td>
<td>3</td>
<td></td>
<td>Humanities &amp; Fine Arts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG 234 – Honors Global Literature: Perspectives Within a Period or Location</td>
<td>3</td>
<td></td>
<td>Humanities &amp; Fine Arts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 131 – Pre-Calculus Algebra</td>
<td>3</td>
<td>Satisfied students with a limited math background who intend to take calculus, or at least continue in mathematics.</td>
<td>Mathematics</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 147 – Finite Mathematics</td>
<td></td>
<td></td>
<td>Mathematics</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** MATH 131 is prerequisite to all general education mathematics courses. Currently, a mathematics ACT subscore of at least 20 is the equivalent of this prerequisite. However, borderline students, especially those who have been away from mathematics for a few years, should be advised into MATH 131 at the first opportunity. The numbering of the 100-level Gen Ed mathematics courses does not necessarily reflect order of difficulty. (Indeed, MATH 134, 144, and 147 are of comparable difficulty.) For most students outside of the natural sciences who do not intend to take calculus, MATH 154 is recommended. See below for exceptions.

This column shows which math course is best suited to your advisee. The numbering of the 100-level Gen Ed mathematics courses does not necessarily reflect order of difficulty. (Indeed, MATH 134, 144, and 147 are of comparable difficulty.) For most students outside of the natural sciences who do not intend to take calculus, MATH 154 is recommended. See below for exceptions.

Note: MATH 131 is prerequisite to all general education mathematics courses. Currently, a mathematics ACT subscore of at least 20 is the equivalent of this prerequisite. However, borderline students, especially those who have been away from mathematics for a few years, should be advised into MATH 131 at the first opportunity. The numbering of the 100-level Gen Ed mathematics courses does not necessarily reflect order of difficulty. (Indeed, MATH 134, 144, and 147 are of comparable difficulty.) For most students outside of the natural sciences who do not intend to take calculus, MATH 154 is recommended. See below for exceptions.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 144 – Pre-Calculus Algebra</td>
<td></td>
<td>Mathematics</td>
</tr>
<tr>
<td>MATH 147 – Finite Mathematics</td>
<td></td>
<td>Mathematics</td>
</tr>
</tbody>
</table>
### Humanities & Fine Arts

- **MATH 149 - Pre-Calculus Trigonometry**: 3
  - MATH 146 or Mathematics ACT minimum subscore of 25, or Mathematics SAT minimum subscore of 555.
  - Suited for students with some pre-calculus background who plan to take calculus, but should first have a refresher on trigonometry.
  - Mathematics

- **MATH 150 - Pre-Calculus Algebra and Trigonometry**: 4
  - MATH 131, 144, or 147; or Mathematics ACT minimum subscore of 20, or Mathematics SAT minimum subscore of 444.
  - Fall & Spring
  - For most majors outside of mathematics or the natural sciences, MATH 104 is the most appropriate general education mathematics course. (See the other notes for exceptions.)
  - Mathematics

- **MATH 154 - The Nature of Mathematics**: 3
  - MATH 131, 144, or 147; or Mathematics ACT minimum subscore of 20, or Mathematics SAT minimum subscore of 444.
  - For most majors outside of mathematics or the natural sciences, MATH 104 is the most appropriate general education mathematics course. (See the other notes for exceptions.)
  - Mathematics

- **MATH 155 - Honors Nature of Mathematics**: 3
  - MATH 131, 144, or 147; or Mathematics ACT minimum subscore of 20, or Mathematics SAT minimum subscore of 444.
  - Mathematics

### Social & Behavioral Sciences

- **SPN 103 or equivalent or placement by departmental exam. Consent of Instructor required.**
  - A grade of C or better in SPN 101 or equivalent or placement by departmental exam.
  - Suited for students with some pre-calculus background who intend to take Calculus, but lack the only prerequisite for Calculus (or need a pre-calcus refresher). This course compresses much of the content of MATH 144 & 149 into a single course.
  - Mathematics

- **SOC 101 - Sociology**: 3
  - Students whose major requires inferential statistics (such as Biology) should register for MATH 157.
  - Mathematics

### Philosophy

- **PHIL 111 - Honors Introduction to Philosophy**: 3
  - Honors students only.
  - Humanities & Fine Arts

- **PHIL 190 - Critical Reasoning**: 3
  - Consent of instructor required.
  - Humanities & Fine Arts

### Music

- **MUS 121 - Invitation to Listening**: 1
  - Honors students only.
  - Humanities & Fine Arts

### Physics

- **PHYS 100 - Introductory Physics**: 4
  - MATH 110 or higher, or Mathematics ACT subscore of 20 or higher, or Mathematics SAT subscore of 444 or higher.
  - Students may not take this course for credit after completing a higher-level physics course with a grade of C or better.
  - Natural Sciences

- **PHYS 101 - College Physics I**: 4
  - MATH 149, 150, or 170.
  - Three lectures. One two-hour laboratory. Algbra-based general physics. Intended for the general university student and for those science majors who are not required to take calculus-based physics. Students cannot receive credit for both PHYS 201 and PHYS 241.
  - Natural Sciences

- **PHYS 241 - University Physics I**: 4
  - MATH 170
  - Three lectures. One three-hour lecture/lab laboratory. Calculus-based general physics. Intended for those students majoring in science, mathematics, or engineering. Students cannot receive credit for both PHYS 201 and PHYS 241.
  - Natural Sciences

### Political Science

- **PVS 200 - American National Government**: 3
  - Social & Behavioral Sciences

- **PVS 201 - State and Local Government**: 3
  - Social & Behavioral Sciences

### Psychology

- **PSYC 201 - Foundations in Psychology**: 3
  - PSYC 201 is a prerequisite for all other Psychology courses. Recommended for sophomores.
  - Social & Behavioral Sciences

### Social Work

- **SWK 201 - Introduction to Social Welfare and Social Work**: 3
  - Social & Behavioral Sciences

- **SWK 202 - Social Work Practice with Children and Families**: 3
  - Social & Behavioral Sciences

### Sociology

- **SOC 101 - Introductory Sociology**: 3
  - Honors students only.
  - Social & Behavioral Sciences

### Spanish

- **SPN 103 - Introductory Spanish I**: 3
  - A grade of C or better in SPN 101 or equivalent or placement by departmental exam.
  - Social & Behavioral Sciences

- **SPN 104 - Honors Introductory Spanish I**: 3
  - Students cannot get credit for both SPN 101 and SPN 103.
  - Humanities & Fine Arts

- **SPN 105 - Accelerated Introductory Spanish**: 6
  - A minimum of one year of high school Spanish is required to take this course. May not be taken by students who have received credit for either SPN 101/103 or SPN 102/104.
  - This course covers the material for SPN 101 and SPN 103 in one semester. This course is not intended for true beginners of a language.
  - Humanities & Fine Arts

- **SPN 201 - Intermediate Spanish I**: 3
  - A grade of C or better in SPN 102 or SPN 150 or equivalent or placement by departmental exam.
  - Humanities & Fine Arts

### Mathematics

- **MATH 101 - Introduction to Programming and Computer Algebra System**: 3
  - MATH 170.
  - Spring Semester
  - Personal Development
<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPN 201 - Intermediate Spanish I</td>
<td>3</td>
<td>A grade of C or better in SPN 201 or equivalent or placement by departmental exam.</td>
<td>Humanities &amp; Fine Arts</td>
</tr>
<tr>
<td>SPN 250 - Accelerated Intermediate Spanish</td>
<td>6</td>
<td>A grade of C or better in SPN 102 or SPN 150 or equivalent or placement by departmental exam.</td>
<td>Humanities &amp; Fine Arts</td>
</tr>
<tr>
<td>May not be taken by students who have credit for either SPN 201 or SPN 202.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>THEA 120 - Introduction to Theatre</td>
<td>3</td>
<td></td>
<td>Humanities &amp; Fine Arts</td>
</tr>
<tr>
<td>THEA 122 - Honors Introduction to Theatre</td>
<td>3</td>
<td>Honors students only</td>
<td>Humanities &amp; Fine Arts</td>
</tr>
</tbody>
</table>