Bachelor of Science in Secondary Education, Mathematics

Degree Requirements

<table>
<thead>
<tr>
<th>Freshman Composition</th>
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<tbody>
<tr>
<td>EH 101</td>
<td>COLLEGE WRITING I</td>
</tr>
<tr>
<td>EH 102</td>
<td>COLLEGE WRITING II</td>
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<thead>
<tr>
<th>Humanities and Fine Arts</th>
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<tbody>
<tr>
<td>Fine Arts: Choose one</td>
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<tr>
<td>ARH 100</td>
<td>ARH SURV: ANCIENT-MEDIEVAL</td>
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<tr>
<td>ARH 101</td>
<td>ARH SURV: RENAISSANCE-MODERN</td>
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<tr>
<td>ARH 103</td>
<td>ARH SUR: NON-WESTERN TRADITIONS</td>
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<tr>
<td>ARS 160</td>
<td>DRAWING: FOUNDATIONS</td>
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<tr>
<td>TH 122</td>
<td>THEATRE APPRECIATION</td>
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<tr>
<td>MU 100</td>
<td>INTRO TO MUSIC LITERATURE</td>
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<th>Literature: Choose one</th>
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<tr>
<td>EH 207</td>
<td>READINGS LITERATURE/CULTURE I</td>
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<tr>
<td>EH 208</td>
<td>READINGS LITERATURE/CULTURE 2</td>
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<tr>
<td>EH 242</td>
<td>MYTHOLOGY</td>
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<tr>
<th>Speech</th>
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<tr>
<td>CM 113</td>
<td>Intro to Rhetorical Communication</td>
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<tr>
<th>Humanities: Choose one</th>
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<tr>
<td>WLC 204</td>
<td>INTERNATIONAL CINEMA</td>
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<tr>
<th>Any 100 or 200 Foreign Language.</th>
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<tr>
<td>PHL 101</td>
<td>INTRODUCTION TO PHILOSOPHY</td>
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<tr>
<td>PHL 102</td>
<td>INTRO TO ETHICS</td>
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<tr>
<td>PHL 150</td>
<td>TECH, SCIENCE &amp; HUMAN VALUES</td>
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<tr>
<td>PHL 201</td>
<td>INTRODUCTION TO LOGIC</td>
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<tr>
<td>WGS 200</td>
<td>INTRO WOMENS &amp; GENDER STUDIES</td>
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<th>Mathematics and Natural Sciences</th>
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<tr>
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<tr>
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<td>GEN PHYSICS W/CALCULUS I and GENERAL PHYSICS LAB I</td>
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<tr>
<td>PH 112 &amp; PH 115</td>
<td>GEN PHYSICS W/CALC II and GENERAL PHYSICS LAB II</td>
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<tr>
<td>PY 101</td>
<td>GENERAL PSYCHOLOGY I</td>
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<td>PY 201</td>
<td>LIFE-SPAN DEVELOPMENT</td>
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<td>HY 103</td>
<td>WORLD HISTORY TO 1500</td>
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<td>HY 104</td>
<td>WORLD HISTORY SINCE 1500</td>
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<tr>
<td>HY 221</td>
<td>UNITED STATES TO 1877</td>
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<td>HY 222</td>
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<td>PRINC OF MACROECONOMICS</td>
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<tr>
<td>ECN 143</td>
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<tr>
<td>GS 200</td>
<td>GLOBAL SYSTEMS AND CULTURES</td>
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<tr>
<td>GY 105</td>
<td>WORLD REGIONAL GEOGRAPHY</td>
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<tr>
<td>GY 110</td>
<td>PRINCIPLES OF HUMAN GEOGRAPHY</td>
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<tr>
<td>PSC 101</td>
<td>INTRO TO AMERICAN GOVERNMENT</td>
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<tr>
<td>PSC 102</td>
<td>INTRO TO COMPARATIVE POLITICS</td>
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<td>PSC 260</td>
<td>INTRODUCTION TO INTERNATIONAL RELATIONS</td>
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<tr>
<td>SOC 100</td>
<td>INTRO TO SOCIOLOGY</td>
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<td>SOC 102</td>
<td>ANALYSIS OF SOCIAL PROBLEMS</td>
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<td>SOC 105</td>
<td>INTRO CULTURAL ANTHROPOLOGY</td>
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<td>SOC 150</td>
<td>SOCIOLOGICAL PERSP TECH &amp; SCI</td>
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<td>WGS 200</td>
<td>INTRO WOMEN'S &amp; GENDER STUDIES</td>
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**Pre Professional Studies**

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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>CS 102</td>
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**Professional Studies**

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<td>ED 307</td>
<td>MULTICULTURAL FND EDUCATION</td>
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<td>ED 308</td>
<td>EDUCATIONAL PSYCHOLOGY</td>
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<td>ED 350</td>
<td>TECHNOLOGY IN CLASSROOM</td>
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<td>ED 309</td>
<td>CLASSROOM &amp; BEHAVIOR MGMT</td>
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<td>EDC 301</td>
<td>TCHG THE EXCEPTIONAL CHILD</td>
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<td>EDC 311</td>
<td>INSTR STRATEGIES INCLUSIVE CLR</td>
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<tr>
<td>ED 408</td>
<td>TCHG READING/CONTENT AREA</td>
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<td>ED 410</td>
<td>FOUNDATIONS EDUC EVALUAT</td>
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<tr>
<td>ED 422</td>
<td>TEACH MATH MID &amp; SEC SCHOOLS</td>
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**Internship**

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<tr>
<th>Course Code</th>
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<td>ED 497</td>
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**Teaching Field**

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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>MA 172</td>
<td>CALCULUS B</td>
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<tr>
<td>MA 201</td>
<td>CALCULUS C</td>
<td>4</td>
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<tr>
<td>MA 238</td>
<td>APPL DIFFERENTIAL EQUATIONS</td>
<td>3</td>
</tr>
<tr>
<td>MA 244</td>
<td>INTRO TO LINEAR ALGEBRA</td>
<td>3</td>
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<tr>
<td>MA 330</td>
<td>FOUNDATIONS OF MATH</td>
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</tr>
<tr>
<td>MA 385</td>
<td>INTRO TO PROBABILITY &amp; STATIST</td>
<td>3</td>
</tr>
<tr>
<td>MA 433</td>
<td>INTRODUCTION TO GEOMETRY</td>
<td>3</td>
</tr>
<tr>
<td>MA 442</td>
<td>ALGEBRAIC STRUCTURES W/APPLIC</td>
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<td>MA 452</td>
<td>INTRO TO REAL ANALYSIS</td>
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<tr>
<td>MA/ST 487</td>
<td>INTRO TO MATH STATISTICS</td>
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**Math Electives 300+**

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<tr>
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<tbody>
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<tr>
<td>MA/ST 487</td>
<td>INTRO TO MATH STATISTICS</td>
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**Total Semester Hours**

123

1 Students must take one literature and one history course. Students must also take either a second literature or history course to complete a sequence (EH 207 + EH 208, EH 209 + EH 210, HY 103 + HY 104, or HY 221 + HY 222).

2 For choices see the World Languages and Culture department.