# University Core and Graduation Requirements

## University Core Requirements:

<table>
<thead>
<tr>
<th>Requirements</th>
<th>#Classes</th>
<th>Hours</th>
<th>Classes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Religion Cornerstones</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Teachings and Doctrine of The Book of</td>
<td>1</td>
<td>2.0</td>
<td>REL A 275</td>
</tr>
<tr>
<td>Mormon</td>
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<tr>
<td>Jesus Christ and the Everlasting Gospel</td>
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<td>REL A 250</td>
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<tr>
<td>Foundations of the Restoration</td>
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<td>2.0</td>
<td>REL C 225</td>
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<tr>
<td>The Eternal Family</td>
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<td>2.0</td>
<td>REL C 200</td>
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<tr>
<td><strong>The Individual and Society</strong></td>
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<tr>
<td>American Heritage</td>
<td>1-2</td>
<td>3-6.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Global and Cultural Awareness</td>
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<td>3.0</td>
<td>from approved list</td>
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<tr>
<td><strong>Skills</strong></td>
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<tr>
<td>First Year Writing</td>
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<tr>
<td>Advanced Written and Oral Communications</td>
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</tr>
<tr>
<td>Quantitative Reasoning</td>
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<td>3.0-4.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Languages of Learning (Math or Language)</td>
<td>Variable</td>
<td>3.0-20.0</td>
<td>from approved list</td>
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<tr>
<td><strong>Arts, Letters, and Sciences</strong></td>
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<tr>
<td>Civilization 1</td>
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<td>from approved list</td>
</tr>
<tr>
<td>Civilization 2</td>
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<td>3.0</td>
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<tr>
<td>Arts</td>
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<td>from approved list</td>
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<tr>
<td>Letters</td>
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<td>3.0</td>
<td>from approved list</td>
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<tr>
<td>Biological Science</td>
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<td>3-4.0</td>
<td>from approved list</td>
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<tr>
<td>Physical Science</td>
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<td>from approved list</td>
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<tr>
<td>Social Science</td>
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<td>3.0</td>
<td>from approved list</td>
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<tr>
<td><strong>Core Enrichment: Electives</strong></td>
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<td>Religion Electives</td>
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<tr>
<td>Open Electives</td>
<td>Variable</td>
<td>Variable</td>
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## Graduation Requirements:

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>Minimum residence hours required</td>
<td>30.0</td>
</tr>
<tr>
<td>Minimum hours needed to graduate</td>
<td>120.0</td>
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</tbody>
</table>
**Minor in Environmental Science (285802)**

**2020-2021 Program Requirements (17 Credit Hours)**

**REQUIREMENT 1 Complete 2 courses**

**ENVIRONMENTAL SCIENCE CORE COURSES:**
- GEOL 111 - Physical Geology 3.0
- BIO 220 - Biological Diversity: Animals 4.0
- BIO 370 - Bioethics 2.0
- BIO 441 - Entomology 3.0
- CHEM 101 - General Chemistry 1 3.0
- CHEM 106 - General College Chemistry 2 3.0
- CHEM 223 - Organic Chemistry 2 - Majors 3.0
- CHEM 305 - Environmental Microbiology and Biogeochemistry Laboratory 3.0
- CHEM 306 - Environmental Microbiology and Biogeochemistry 3.0

**REQUIREMENT 2 Complete 6.0 hours from the following course(s)**

**PWS SUPPORTING CORE COURSES:**
- PWS 282 - Soil Science 3.0
- PWS 283 - Soil Science Laboratory 1.0
- PWS 305 - Watershed Ecology 3.0
- PWS 365 - Environmental Microbiology and Biogeochemistry 3.0
- PWS 366 - Environmental Microbiology and Biogeochemistry Laboratory 1.0
- PWS 490 - Case Studies 2.0
- PWS 494R - Mentored Learning Experience 4.0

**REQUIREMENT 3 Complete 5.0 hours from the following course(s)**

**OTHER AND PWS SUPPORTING CORE COURSES:**
- GEOL 101 - Introduction to Geology 3.0
- GEOL 111 - Physical Geology 4.0
- GEOL 112 - Calculus 2 4.0
- GEOL 119 - Introduction to Calculus 4.0
- MATH 302 - Mathematics for Engineering 1 4.0
- MATH 303 - Mathematics for Engineering 2 4.0
- MMBIO 221 - General Microbiology 3.0
- MMBIO 260 - Molecular Biology 3.0
- MMBIO 241 - Molecular and Cellular Biology Laboratory 1.0
- PDBIO 360 - Cell Biology 3.0
- PHIL 205 - Introduction to Logic and Critical Thinking 3.0
- GHSCS 105 - General Physics 1 3.0
- GHSCS 106 - General Physics 2 3.0
- GHSCS 107 - General Physics Lab 1 1.0
- GHSCS 108 - General Physics Lab 2 1.0
- GHSCS 121 - Introduction to Newtonian Mechanics 3.0
- GHSCS 123 - Introduction to Waves, Optics, and Thermodynamics 3.0
- PWS 100 - Plants in the Environment 3.0
- PWS 103 - Residential Landscape Design 3.0
- PWS 215 - Principles of Range Management 3.0
- PWS 225 - Principles of Wildlife and Fisheries Management 3.0
- PWS 282 - Soil Science 3.0
- PWS 283 - Soil Science Laboratory 1.0
- PWS 288 - Molecular Genetics Laboratory 3.0
- PWS 303 - Soils Conservation and Resources 3.0
- PWS 305 - Watershed Ecology 3.0
- PWS 306 - Watershed Ecology Laboratory 1.0
- PWS 330 - Rangeland Plant Identification and Ecology 3.0
- PWS 331 - Science of Plant Pest Control 3.0
- PWS 340 - Genetics 3.0
- PWS 355 - Rangeland Vegetation Measurements and Analysis 3.0
- PWS 365 - Environmental Microbiology and Biogeochemistry 3.0
- PWS 366 - Environmental Microbiology and Biogeochemistry Laboratory 1.0
- PWS 390R - Special Topics in Plant and Wildlife Sciences 3.0
- PWS 402 - Soils and Water in the Urban Environment 3.0
- PWS 405 - Environmental Chemistry Laboratory 2.0
- PWS 411 - Watershed Management 3.0
- PWS 416 - Rangeland Improvement and Restoration 3.0
- PWS 419 - Forest Management and Ecology 3.0
- PWS 490 - Case Studies 2.0
- PWS 491R - Undergraduate Seminar 1.0
- PWS 494R - Mentored Learning Experience 6.0
- PWS 511 - Environmental Biophysics: Soil and Plant Water Relations 4.0
- PWS 514 - Soil Microbiology 2.0
- STAT 121 - Principles of Statistics 3.0

**MAP DISCLAIMER**

While every reasonable effort is made to ensure accuracy, there are some student populations that could have exceptions to listed requirements. Please refer to the university catalog and your college advisement center/department for complete guidelines.

**DEPARTMENT INFORMATION**

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**ADVISEMENT CENTER INFORMATION**

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