## BS in Geography: Environmental Studies (733729) MAP Sheet

### 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>Religion Cornerstones</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Teachings and Doctrine of The Book of Mormon</td>
<td>1</td>
<td>2.0</td>
<td>REL A 275</td>
</tr>
<tr>
<td>Jesus Christ and the Everlasting Gospel</td>
<td>1</td>
<td>2.0</td>
<td>REL A 250</td>
</tr>
<tr>
<td>Foundations of the Restoration</td>
<td>1</td>
<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>Total Hours</strong></td>
<td></td>
<td>15.0</td>
<td></td>
</tr>
<tr>
<td><strong>The Individual and Society</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<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>
<td>1</td>
<td>3.0</td>
<td>GEOG 120* or 130*</td>
</tr>
<tr>
<td><strong>Skills</strong></td>
<td></td>
<td></td>
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<tr>
<td>First Year Writing</td>
<td>1</td>
<td>3.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Advanced Written and Oral Communications</td>
<td>1</td>
<td>3.0</td>
<td>ENGL 315 recommended</td>
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<tr>
<td>Quantitative Reasoning</td>
<td>1</td>
<td>3-4.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Languages of Learning (Math or Language)</td>
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<td>3.0</td>
<td>GEOG 222*</td>
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<tr>
<td><strong>Total Hours</strong></td>
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<td>16.0</td>
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</tr>
<tr>
<td>Arts, Letters, and Sciences</td>
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<tr>
<td>Civilization 1</td>
<td>1</td>
<td>3.0</td>
<td>from approved list</td>
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<tr>
<td>Civilization 2</td>
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<td>3.0</td>
<td>from approved list</td>
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<tr>
<td>Arts</td>
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<td>3.0</td>
<td>from approved list</td>
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<tr>
<td>Letters</td>
<td>1</td>
<td>3.0</td>
<td>from approved list</td>
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<tr>
<td>Biological Science</td>
<td>1</td>
<td>3.0</td>
<td>PWS 150*</td>
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<tr>
<td>Physical Science</td>
<td>1</td>
<td>3.0</td>
<td>from approved list</td>
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<tr>
<td>Social Science</td>
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<td>3.0</td>
<td>GEOG 110*</td>
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<tr>
<td><strong>Total Hours</strong></td>
<td></td>
<td>15.0</td>
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<tr>
<td>Core Enrichment: Electives</td>
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<tr>
<td>Religion Electives</td>
<td>3-4</td>
<td>6.0</td>
<td>from approved list</td>
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<tr>
<td>Open Electives</td>
<td>Variable</td>
<td>Variable</td>
<td>personal choice</td>
</tr>
</tbody>
</table>
| **FOR UNIVERSITY CORE AND PROGRAM QUESTIONS CONTACT THE ADVISEMENT CENTER**

*THESE CLASSES FILL BOTH UNIVERSITY CORE AND PROGRAM REQUIREMENTS (12 hours overlap)*

**Graduation Requirements:**

- Minimum residence hours required: 30.0
- Minimum hours needed to graduate: 120.0

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**Suggested Sequence of Courses**

### FRESHMAN YEAR

**1st Semester**

- First-year Writing or American Heritage: 3.0
- Religion cornerstone course: 2.0
- GEOG 100: 1.0
- GEOG 101: 3.0
- General Education courses, university requirements, and/or general electives: 6.0

**Total Hours:** 15.0

**2nd Semester**

- First-year Writing or American Heritage: 3.0
- GEOG 120: 3.0
- GEOG 211: 4.0
- PWS 150*: 3.0
- Religion Cornerstone course: 2.0
- General Education courses, university requirements and/or general electives: 1.0

**Total Hours:** 16.0

### SOPHOMORE YEAR

**3rd Semester**

- GEOG 110: 3.0
- GEOG 130: 3.0
- GEOG 212: 3.0
- Religion Cornerstone course: 2.0
- General Education courses, university requirements, and/or general electives: 4.0

**Total Hours:** 15.0

**4th Semester**

- GEOG 213: 2.0
- GEOG 222: 3.0
- GEOG 303: 3.0
- Religion elective: 2.0
- General Education courses, university requirements, and/or general electives: 4.0

**Total Hours:** 14.0

### JUNIOR YEAR

**5th Semester**

- GEOG 304: 3.0
- GEOG 306: 3.0
- GEOG 313: 3.0
- Religion elective: 2.0
- General Education courses, university requirements, and/or general electives: 4.0

**Total Hours:** 15.0

**6th Semester**

- PWS 150: 3.0
- GEOG 307: 3.0
- GEOG 322: 3.0
- Religion elective: 2.0
- General Education courses, university requirements, and/or general electives: 4.0

**Total Hours:** 15.0

### SENIOR YEAR

**7th Semester**

- Geography emphasis elective: 3.0
- Religion elective: 2.0
- General Education courses, university requirements, and/or general electives: 10.0

**Total Hours:** 15.0

**8th Semester**

- Geography emphasis elective: 3.0
- Geography emphasis elective: 3.0
- General Education courses, university requirements, and/or general electives: 9.0
- Senior Survey and Exit Assessment: 0.0

**Total Hours:** 15.0

Note: Students are encouraged to complete an average of 15 credit hours each semester or 30 credit hours each year, which could include spring and/or summer terms. Taking fewer credits substantially increases the cost and the number of semesters to graduate.
## REQUIREMENT 1
Complete 9 courses

**CORE COURSES:**
- GEOG 100 - The Geographic Approach 1.0
- GEOG 101 - Global Environment: Understanding Physical Geography 3.0
- *GEOG 110 - Landscapes of Disaster: An Introduction to Natural Hazards 3.0
- GEOG 120 - Geography and World Affairs 3.0
- GEOG 130 - Introduction to Human Geography 3.0
- GEOG 211 - Mapping Your World 3.0
- GEOG 212 - Introduction to Geographic Information Systems 3.0
- *GEOG 222 - Statistics for Geographers 1 3.0
- GEOG 322 - Statistics for Geographers 2 3.0

## REQUIREMENT 2
Complete 6 courses

**ENVIRONMENTAL STUDIES CORE COURSES:**
- GEOG 213 - Earth Observation and Image Interpretation 2.0
- GEOG 303 - Biogeography 3.0
- GEOG 304 - Geography of Climates 3.0
- GEOG 306 - Global Conservation Designations 3.0
- GEOG 307 - Landscape Ecology 3.0
- *PWS 150 - Environmental Biology 3.0

## REQUIREMENT 3
Complete 4 courses

**ELECTIVE COURSES:**
- BIO 350 - Ecology 3.0
- BIO 370 - Bioethics 2.0
- BIO 450 - Capstone in Biodiversity and Conservation 3.0
- GEOG 305 - Geography of Landforms 3.0
- GEOG 310 - Introduction to Urban and Regional Planning 3.0
- GEOG 311 - Intermediate Geographic Information Systems 3.0
- GEOG 312 - Cartographic Design 4.0
- GEOG 313 - Remote Sensing 1 3.0
- GEOG 399R - Academic Internship 6.0v
- GEOG 414 - Low Altitude, Large-Scale Image Acquisition and Processing 3.0
- GEOG 415R - Geographic Field Methods 3.0v
- GEOG 423 - Planning for Unique and Sensitive Lands 2.0
- GEOL 411 - Geomorphology and Remote Sensing 3.0
- PWS 225 - Principles of Wildlife and Fisheries Management 3.0
- PWS 303 - Soils Conservation and Resources 3.0
- PWS 305 - Watershed Ecology 3.0
- PWS 340 - Genetics 3.0
- PWS 375 - Environmental Policies and Laws 3.0
- PWS 419 - Forest Management and Ecology 3.0

## REQUIREMENT 4
Complete the exit assessment during the final semester, no later than one month before graduation.

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### THE DISCIPLINE:

Geography offers a variety of programs centered around spatial analysis and tailored, so far as possible, to meet the future needs of individual students. Our modern computer laboratory allows students to gain practical experience with geographical information systems (GIS), remote sensing, cartography, and other programs in urban and regional planning, travel, and population studies.

### RESEARCH OPPORTUNITIES:

Contact the Geography Department for this information.

### INTERNSHIPS, CO-OP ED, PRACTICAL EXPERIENCE:

Contact the Geography Department for this information.

### FINANCING:

Many students work up to 20 hours per week. Some find employment in campus offices and some junior and senior students obtain teaching or research assistantships. Most of our students obtain summer jobs that make use of their training and interests.

### CAREERS:

Graduates are employed in a wide range of both private and governmental positions. Job titles include geographer, teacher of geography, city or regional planner, cartographer, photo interpreter, commodities and industrial location analysts, intelligence, travel industry, or environmental and GIS specialist, and many others. Skills in spatial analysis make geography a valuable minor or supporting field for many other disciplines.

For more information on careers in your major, please contact the University Career Center or the Liberal Arts Academic Advisement Center.

### 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.