BS in Geography: Environmental Studies (733729) MAP Sheet
Family Home and Social Sciences, Geography
For students entering the degree program during the 2022-2023 curricular year.

University Core and Graduation Requirements

University Core Requirements:

<table>
<thead>
<tr>
<th>Requirements#Classes</th>
<th>Hours</th>
<th>Classes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Religion Cornerstones</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Teachings and Doctrine of The Book of Mormon</td>
<td>12.0</td>
<td>REL A 275</td>
</tr>
<tr>
<td>Jesus Christ and the Everlasting Gospel</td>
<td>12.0</td>
<td>REL A 250</td>
</tr>
<tr>
<td>Foundations of the Restoration</td>
<td>12.0</td>
<td>REL C 225</td>
</tr>
<tr>
<td>The Eternal Family</td>
<td>12.0</td>
<td>REL C 200</td>
</tr>
<tr>
<td>The Individual and Society</td>
<td></td>
<td></td>
</tr>
<tr>
<td>American Heritage</td>
<td>1-2</td>
<td>3-6.0</td>
</tr>
<tr>
<td>Global and Cultural Awareness</td>
<td>1</td>
<td>3.0</td>
</tr>
<tr>
<td>Skills</td>
<td></td>
<td></td>
</tr>
<tr>
<td>First Year Writing</td>
<td>1</td>
<td>3.0</td>
</tr>
<tr>
<td>Advanced Written and Oral Communications</td>
<td>13.0</td>
<td>WRTG 315 recommended</td>
</tr>
<tr>
<td>Quantitative Reasoning</td>
<td>13.4.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Languages of Learning (Math or Language)</td>
<td>13.0</td>
<td>GEOG 222*</td>
</tr>
<tr>
<td>Arts, Letters, and Sciences</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Civilization 1</td>
<td>1</td>
<td>3.0</td>
</tr>
<tr>
<td>Civilization 2</td>
<td>1</td>
<td>3.0</td>
</tr>
<tr>
<td>Arts</td>
<td>1</td>
<td>3.0</td>
</tr>
<tr>
<td>Letters</td>
<td>1</td>
<td>3.0</td>
</tr>
<tr>
<td>Biological Science</td>
<td>13.0</td>
<td>PWS 150*</td>
</tr>
<tr>
<td>Physical Science</td>
<td>13.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Social Science</td>
<td>13.0</td>
<td>GEOG 110*</td>
</tr>
<tr>
<td>Core Enrichment: Electives</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Religion Electives</td>
<td>3-4.6</td>
<td>from approved list</td>
</tr>
<tr>
<td>Open Electives</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 |

Suggested Sequence of Courses

Freshman Year

1st Semester
First-year Writing or American Heritage| 3.0 |
Religion cornerstone course| 2.0 |
GEOG 1001.0 |
GEOG 1013.0 |
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 1203.0 |
GEOG 2114.0 |
PWS 1503.0
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 1103.0
GEOG 1303.0
GEOG 2123.0
Religion Cornerstone course 2.0
General Education courses, university requirements, and/or general electives 4.0
Total Hours 15.0

4th Semester
GEOG 2223.0
GEOG 3033.0
Religion elective 2.0
General Education courses, university requirements, and/or general electives 4.0
Total Hours 12.0
GEOG 213 is no longer taught.

Junior Year
5th Semester
GEOG 3043.0
GEOG 3063.0
GEOG 3133.0
Religion Elective 2.0
General Education courses, university requirements, and/or general electives 4.0
Total Hours 15.0

6th Semester
PWS 1503.0
GEOG 3073.0
GEOG 3223.0
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
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.

BS in Geography: Environmental Studies (733729) 2022-2023 Program Requirements (47.5 - 58 Credit Hours)
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 12.0 hours from the following course(s)
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 - Policies and Laws of Aquatic Systems 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.

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.

DEPARTMENT INFORMATION
**Geography Department**
Brigham Young University
690 Spencer W. Kimball Tower
Provo, UT 84602
Telephone: 801-422-3851

ADVISEMENT CENTER INFORMATION
**Liberal Arts Advisement and Careers**
Brigham Young University
1041 JFSB
Provo, UT 84602
Telephone: 801-422-3541