# 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>
</tr>
<tr>
<td>The Eternal Family</td>
<td>1</td>
<td>2.0</td>
<td>REL C 200</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>The Individual and Society</td>
<td></td>
<td>3-6.0</td>
<td></td>
</tr>
<tr>
<td>American Heritage</td>
<td>1-2</td>
<td></td>
<td>from approved list</td>
</tr>
<tr>
<td>Global and Cultural Awareness</td>
<td>1</td>
<td>3.0</td>
<td>GEOG 120*, 130*, or 271*</td>
</tr>
<tr>
<td><strong>Skills</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<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>WRTG 315</td>
</tr>
<tr>
<td>Quantitative Reasoning</td>
<td>1</td>
<td>3.0</td>
<td>STAT 121 recommended</td>
</tr>
<tr>
<td>Languages of Learning (Math or Language)</td>
<td>1</td>
<td>3.0</td>
<td>GEOG 222*</td>
</tr>
<tr>
<td><strong>Arts, Letters, and Sciences</strong></td>
<td></td>
<td>3-6.0</td>
<td></td>
</tr>
<tr>
<td>Civilization 1</td>
<td>1</td>
<td>3.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Civilization 2</td>
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<td>3.0</td>
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</tr>
<tr>
<td>Arts</td>
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<td>3.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Letters</td>
<td>1</td>
<td>3.0</td>
<td>from approved list</td>
</tr>
<tr>
<td>Biological Science</td>
<td>1</td>
<td>3-4.0</td>
<td>from approved list</td>
</tr>
<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>
<td>1</td>
<td>3.0</td>
<td>GEOG 110*</td>
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<tr>
<td><strong>Religion Electives</strong></td>
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<td>3-4</td>
<td>from approved list</td>
</tr>
<tr>
<td><strong>Open Electives</strong></td>
<td></td>
<td>Variable</td>
<td>Variable personal choice</td>
</tr>
<tr>
<td><strong>Core Enrichment: Electives</strong></td>
<td></td>
<td>6.0</td>
<td>from approved list</td>
</tr>
<tr>
<td><strong>FOR UNIVERSITY CORE AND PROGRAM QUESTIONS CONTACT THE ADVISEMENT CENTER</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*THESE CLASSES FILL BOTH UNIVERSITY CORE AND PROGRAM REQUIREMENTS (9 hours overlap)</td>
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</tbody>
</table>

## 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
- GEOG 110: 3.0
- GEOG 120: 3.0
- Religion Cornerstone course: 2.0
- General Education courses, university requirements, and/or general electives: 6.0
- **Total Hours**: 15.0

### 2nd Semester

- GEOG 120: 3.0
- GEOG 211: 4.0
- A HTG or First-Year Writing: 3.0
- Religion Cornerstone course: 2.0
- General Education courses, university requirements, and/or general electives: 4.0
- **Total Hours**: 16.0

### Sophomore Year (3rd Semester)

- GEOG 110: 3.0
- GEOG 212: 3.0
- GEOG 271: 3.0
- GEOG 222: 3.0
- Religion Cornerstone course: 2.0
- General Education courses, university requirements, and/or general electives: 2.0
- **Total Hours**: 16.0

### 4th Semester

- GEOG 130: 3.0
- GEOG 213: 2.0
- GEOG 322: 3.0
- GEOG 331: 3.0
- Religion elective: 2.0
- General Education courses, university requirements, and/or general electives: 1.0
- **Total Hours**: 14.0

### Junior Year (5th Semester)

- GEOG 313: 3.0
- Geography GIS course: 3.0
- Geography Physical elective: 3.0
- Geography regional elective: 3.0
- Religion Cornerstone course: 2.0
- General electives: 1.0
- **Total Hours**: 15.0

### 6th Semester

- GEOG 304: 3.0
- Geography Physical elective: 3.0
- Geography regional elective: 3.0
- Religion elective: 2.0
- General Education courses, university requirements, and/or general electives: 3.0
- **Total Hours**: 14.0

### Senior Year (7th Semester)

- GEOG 341: 3.0
- GEOG 441: 3.0
- Religion elective: 2.0
- General Education courses, university requirements, and/or general electives: 7.0
- **Total Hours**: 15.0

### 8th Semester

- GEOG 442: 3.0
- Geography Intelligence electives: 3.0
- Geography courses, university requirements, and/or general electives: 6.0
- Exit Assessment: 0.0
- **Total Hours**: 15.0

Your academic advisor can assist you in choosing electives to meet your total hour requirement.

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: Geospatial Intelligence (733732)
2021-2022 Program Requirements (57 - 58 Credit Hours)

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 would expect to be employed in a wide range of both governmental and private positions. Government Agencies hiring in this field would include the NGA (National Geospatial Agency), CIA, DIA (Defense Intelligence Agency), NSA (National Security Agency), the Air Force, Army, Marine Corps, and Navy. Jobs may also be found at more than 80 private firms that contract with those agencies to provide reconnaissance equipment, cameras, radars, radio and other receivers and platforms to convey them over areas of interest, as well as the software to operate, collect, exploit and disseminate the information. Job titles would include Image Analyst, Image Processor, Open Source Intelligence Analyst, Current Intelligence, Collection Analyst, Cartographers, GIS, Political Analyst, Economic Analyst, Population Analyst, Regional Analyst, and Physical Geographer. Additional jobs could be found in the development arena working with the contractors creating the hardware and software to make the systems and processes of intelligence function.

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

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