**B.S. GEOGRAPHY: URBAN, RURAL, AND ENVIRONMENTAL PLANNING**

Geography Careers Website: [http://www.geog.byu.edu/](http://www.geog.byu.edu/)

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit Hrs.</th>
<th>Grade</th>
<th>Sem/Yr</th>
</tr>
</thead>
<tbody>
<tr>
<td>I.</td>
<td><strong>COMPLETE THE FOLLOWING COURSES:</strong> (TAKE GEOG 100, 101, 120, &amp; 211 WITHIN A YEAR OF DECLARING THE MAJOR)</td>
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<tr>
<td>100</td>
<td>The Geographic Approach (Prereq.: Major Status)</td>
<td>1.0</td>
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<tr>
<td>101</td>
<td>Global Environment: Understanding Physical Geog.</td>
<td>3.0</td>
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<td>120</td>
<td>Geography and World Affairs</td>
<td>3.0</td>
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<tr>
<td>130</td>
<td>Introduction to Human Geography</td>
<td>3.0</td>
<td></td>
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<tr>
<td>211</td>
<td>Map Use and Interpretation</td>
<td>3.0</td>
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<tr>
<td>212</td>
<td>Introduction to Geographic Information Systems</td>
<td>3.0</td>
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<tr>
<td>222</td>
<td>Quantitative Research and Reasoning</td>
<td>3.0</td>
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<td>STAT 221</td>
<td>Principles of Statistics (Prereq.: Math 110)</td>
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<td>III.</td>
<td><strong>COMPLETE ONE PHYSICAL GEOGRAPHY COURSE FROM THE FOLLOWING: GEOG 303, 304, 305.</strong></td>
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<td>3.0</td>
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<td>IV.</td>
<td><strong>COMPLETE ONE REGIONAL COURSE FROM THE FOLLOWING: GEOG 245, 250, 255, 260, 265, 271, 272, 273, 285.</strong></td>
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<td>3.0</td>
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<td>V.</td>
<td><strong>COMPLETE THE FOLLOWING MAJOR COURSES:</strong></td>
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<tr>
<td>306</td>
<td>Public Land Conservation (Fall Only)</td>
<td>3.0</td>
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<tr>
<td>310</td>
<td>Principles of Land Use Planning (Fall Only)</td>
<td>3.0</td>
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<td></td>
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<tr>
<td>336</td>
<td>Geography of Urban Environment (Fall Only)</td>
<td>3.0</td>
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<td>346</td>
<td>Population Geography (Winter)</td>
<td>3.0</td>
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<tr>
<td>410</td>
<td>Practices of Land Use Planning (prereq: Geog 310) (Winter only)</td>
<td>3.0</td>
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<td>VI.</td>
<td><strong>COMPLETE FOUR COURSES:</strong> GEOG 213, 219, 307, 311, 312, 313, 414, 421, 422, 423. (CONSULT ADVISOR)</td>
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<td>VII.</td>
<td><strong>COMPLETE ONE CAPSTONE COURSE FROM:</strong> GEOG 399R, 415R, 421, 495R, 501R, 510, 521R. (CONSULT ADVISOR)</td>
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**TOTAL MAJOR HOURS: 54.0-59.0**

Courses counted in a major CANNOT also be used toward a minor or second major.

**Students who plan no formal education beyond the bachelor’s degree should take other courses that will enhance their employment opportunities. Consult a faculty advisor for suggested minors, majors, & skills. Students are encouraged to take Student Development 317: Managing Career Transitions, in their junior or senior year.**
Geography: Urban, Rural, and Environmental Planning Emphasis

I. Complete the following core courses:

- Geog 100 The Geographical Approach (FW)
- Geog 101 Global Environment (FWSpSu)
- Geog 120* Geography and World Affairs (FWSpSu)
- Geog 130* Introduction to Human Geography (FWSp)
- Geog 211 Map Use and Interpretation (FWSp*)
- Geog 212 Introduction to GIS (FWSp*)
- Stat 221* Principles of Statistics (FWSpSu)

II. Complete the following:

- Geog 222 Quantitative Research & Reasoning (FW)

III. Complete one Physical Geography course from the following:

- Geog 303 Biogeography (W)
- Geog 304 Geography of Climates (W)
- Geog 305 Geography of Landforms (FWSp*Su*)

IV. Complete one regional course from the following:

- Geog 245 Geography of Utah (*)
- Geog 250 United States and Canada (FW)
- Geog 255 Middle and South America (W)
- Geog 260 Europe (F)
- Geog 265 Russia and the Former Soviet Union (*)
- Geog 271 Middle East (F)
- Geog 272 East Asia (W)
- Geog 273 Southeast Asia (F*)
- Geog 285 Africa South of the Sahara (F)

V. Complete the following major courses:

- Geog 306 Public Land Conservation (F)
- Geog 310 Principles of Land Use Planning (F)
- Geog 336 Geography of Urban Environment (F)
- Geog 346 Population Geography (W)
- Geog 410 Practices of Land Use Planning (W)

VI. In consultation with an advisor, complete a minimum of four courses from the following:

- Geog 213 Earth Observation & Image Interpretation (W)
- Geog 219 GPS and Geodesy (F)
- Geog 307 Landscape Ecology (F)
- Geog 311 Geographic Data Management (W)
- Geog 312 Cartographic Design (F)
- Geog 313 Remote Sensing 1 (F)
- Geog 414 Applied Urban Environmental Modeling (W)
- Geog 421 Comprehensive Planning (F)
- Geog 422 Principles of Urban Design (F)
- Geog 423 Planning for Unique & Sensitive Lands (W)

VII. With the approval of an advisor, complete a capstone course from the following:

- Geog 399R Academic Internship (FWSpSu)
- Geog 415R Field Methods (Sp)
- Geog 421 Comprehensive Planning (F)
- Geog 495R Mentored Research (FWSpSu)
- Geog 501R Seminar in Geography (FWSpSu)
- Geog 510 Adv. Urban Dynamics and Planning (W*)
- Geog 521R Geog. Information Practicum (FWSp)

Note: Some courses may require prerequisites.