### 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>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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<tr>
<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>
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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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<tr>
<td>STAT 221</td>
<td>Principles of Statistics (Prereq.: Math 110)</td>
<td>3.0</td>
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#### III. Complete one physical geography course from the following: Geog 303, 304, 305.

- 3.0

#### IV. Complete one regional course from the following: Geog 245, 250, 255, 260, 265, 271, 272, 273, 285.

- 3.0

#### V. Complete the following major courses:

- 306 Public Land Conservation *(Fall Only)* | 3.0
- 310 Principles of Land Use Planning *(Fall Only)* | 3.0
- 336 Geography of Urban Environment *(Fall Only)* | 3.0
- 346 Population Geography *(Winter)* | 3.0
- 410 Practices of Land Use Planning (prereq: Geog 310) *(Winter only)* | 3.0

#### VI. Complete four courses: Geog 213, 219, 307, 311, 312, 313, 414, 421R, 422, 423. (Consult faculty and/or academic advisor)

**Note:** Some courses may require prerequisites.

#### VII. Complete one capstone course from: Geog 399R, 415R, 421R, 495R, 501R, 510, 521R. (Consult faculty and/or academic advisor)

**Total Major Hours:** 54.0-59.0

**Note:** Complete exit assessment and exit interview during fall semester, no later than one month before graduation.

**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 or your academic advisor for suggested minors, majors, and skills. Students are encouraged to take Student Development courses related to Career Planning in their Junior or Senior year.

**Note:** Complete exit assessment and exit interview during fall semester, no later than one month before graduation.
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)