### B.S. GEOGRAPHY: PHYSICAL ENVIRONMENT STUDIES EMPHASIS

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

**2007-2008**

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Grade</th>
<th>Sem/Yr</th>
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</thead>
<tbody>
<tr>
<td>I.</td>
<td><strong>COMPLETE THE FOLLOWING CORE 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 Geography</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>GEOG 222</td>
<td>Quantitative Research and Reasoning (Prereq. Stat 221)</td>
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<tr>
<td>STAT 221</td>
<td>Principles of Statistics (Prereq. Math 110)</td>
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<td>II.</td>
<td><strong>COMPLETE ONE REGIONAL COURSE FROM THE FOLLOWING:</strong> GEOG 245, 250, 255, 260, 265, 271, 272, 273, 285</td>
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<td>3.0</td>
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<td>III.</td>
<td><strong>COMPLETE ONE HUMAN GEOGRAPHY COURSE FROM THE FOLLOWING:</strong> GEOG 331, 336, 341, 346</td>
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<td>IV.</td>
<td><strong>COMPLETE THE FOLLOWING MAJOR COURSES:</strong></td>
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<tr>
<td>Biol. 150</td>
<td>Environmental Biology</td>
<td>3.0</td>
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<tr>
<td>303</td>
<td>Biogeography  (Winter only) (prereq: Geog 101)</td>
<td>3.0</td>
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<td>304</td>
<td>Geography of Climates</td>
<td>3.0</td>
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<td>307</td>
<td>Landscape Ecology (prereq: Geog 101)</td>
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<td>313</td>
<td>Remote Sensing I (prereq: Geog 211, 212)</td>
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<td>V.</td>
<td><strong>COMPLETE ONE COURSE FROM THE FOLLOWING:</strong> GEOG 305 OR 411</td>
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<td>VI.</td>
<td><strong>COMPLETE TWO COURSE FROM THE FOLLOWING:</strong> BIOL 350, GEOG 306, 310, 311, 312, 414, 423.</td>
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<td>VII.</td>
<td><strong>COMPLETE ONE CAPSTONE COURSE:</strong> GEOG 399R, 415R, 495R, 501R, 510, 521R. (CONSULT ADVISOR)</td>
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**TOTAL MAJOR HOURS:** 54.0 – 56.0

**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: Physical Environment Studies Emphasis

I. Complete the following courses:

- Geog 100 The Geographical Approach (FW)
- Geog 101 Global Environment (FWSpSu)
- Geog 120* Geo. and World Affairs (FWSpSu)
- Geog 130* Introduction to Human Geography (FWSp)
- Geog 211 Map Use and Interpretation (FWSp)
- Geog 212 Introduction to GIS (FWSp)
- Stats 221* Principles of Statistics (FWSpSu)
- Geog 222 Quantitative Research & Reasoning (FW)

II. 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)

III. Complete one Human Geography course from the following:

- Geog 331 Economic Geography (F)
- Geog 336 Geography of Urban Environment (F)
- Geog 341 Political Geography (FW)
- Geog 346 Population Geography (W)

IV. Complete the following major courses:

- Biol 150 Environmental Biology (W)
- Geog 303 Biogeography (W)
- Geog 304 Geography of Climates (W)
- Geog 307 Landscape Ecology (F)
- Geog 313 Remote Sensing 1 (F)

V. Complete one course from the following:

- Geog 305 Geography of Landforms (FSp*Su*)
- Geol 411 Geomorphology & Geologic Hazards (W)

VI. Complete two courses from the following:

- Biol 350 Ecology (FWSp)
- Geog 306 Public Land Conservation (F)
- Geog 310 Principles of Land Use Planning (F)
- Geog 311 Geographic Data Management (W)
- Geog 312 Cartographic Design (F)
- Geog 414 Applied Urban Environ. Modeling (W)
- 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 Geographic Field Methods (Sp)
- Geog 495R Mentored Research (FWSpSu)
- Geog 501R Seminar in geography (FWSpSu)
- Geog 521R Geog. Info. Practicum (FWSpSu)

F- Fall semester
W- Winter Semester
Sp- Spring Semester
Su- Summer Semester
*- Classes are based on demand.