Name:  
ID #:  
Date:  

B.S. GEOPHYSICS: ENVIRONMENT STUDIES EMPHASIS

Geography Careers Website:  http://www.geog.byu.edu/

2008-2009

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credit Hours</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 Geography</td>
<td>3.0</td>
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<tr>
<td>110</td>
<td>Landscapes of Disaster: An Introduction of Natural Hazards</td>
<td>3.0</td>
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<tr>
<td>120*</td>
<td>Geography and World Affairs</td>
<td>3.0</td>
<td></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>
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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>
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<td>322</td>
<td>Statistics for Geographers</td>
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</tbody>
</table>

II. COMPLETE THE FOLLOWING MAJOR COURSES:

| PWS 150  | Environmental Biology                                                        | 3.0          |       |        |
| 303      | Biogeography (Winter only) (prereq: Geog 101)                                 | 3.0          |       |        |
| 304      | Geography of Climates (Winter only)                                          | 3.0          |       |        |
| 306      | Public Land Conservation (prereq: Geog 101 or instructor’s consent)          | 3.0          |       |        |
| 307      | Landscape Ecology (prereq: Geog 101)                                         | 3.0          |       |        |
| 313      | Remote Sensing I (prereq: Geog 211, 212)                                     | 3.0          |       |        |

III. COMPLETE ONE COURSE FROM THE FOLLOWING: GEOG 305 OR 411

IV. COMPLETE THREE COURSE FROM THE FOLLOWING: BIOL 220, 350, 370, 450 GEOG 306, 310, 311, 312, 414, 423, PWS 225, 303, 305, 340, 375, 419

TOTAL MAJOR HOURS: 52.0 – 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 Senior Survey during fall semester, no later than one month before graduation.

*These classes fill both University Core and major requirements.
Geography: Physical Environment Studies Emphasis

I. Complete the following courses:

- Geog 100 The Geographical Approach (FW)
- Geog 101 Global Environment (FWSpSu)
- Geog 110 Landscapes of Disaster
- 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)
- Geog 322 Statistics for Geographers
- Geog 222 Quantitative Research & Reasoning (FW)

II. Complete the following major courses:

- PWS 150 Environmental Biology (W)
- Geog 303 Biogeography (W)
- Geog 304 Geography of Climates (W)
- Geog 306 Public Land Conservation (F)
- Geog 307 Landscape Ecology (F)
- Geog 313 Remote Sensing I (F)

III. Complete one course from the following:

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

IV. Complete three courses from the following:

- Biol 350 Ecology (FWSp)
- Biol 370 Bioethics
- Biol 450 Conservation Biology
- 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 399R Academic Internship (FWSpSu)
- Geog 415R Geographic Field Methods (Sp)
- Geog 414 Applied Urban Environ. Modeling (W)
- Geog 423 Planning for Unique & Sensitive Lands (W)
- PWS 225 Principles of Wildlife & Fisheries Mgt.
- PWS 303 Soils Conservation & Resources
- PWS 305 Soils & Water Quality
- PWS 340* Genetics
- PWS 375 Environmental Policies & Laws
- PWS 419 Forest Management & Ecology

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