MAJOR REQUIREMENTS FOR A BA DEGREE IN GEOGRAPHY: ENVIRONMENTAL STUDIES

Total credit hours required: 120.0 minimum

Note to the student: This form is provided as a guide. It is your responsibility to consult regularly with your adviser to be aware of changes and curriculum details which are not incorporated on this form.
### MAJOR SEQUENCE AND DEGREE REQUIREMENTS

**Major:** BA GEOGRAPHY  
**Option:** Environmental Studies  
**Major Field Requirements:** 36.0-37.0 credits  
**Other Requirements:** 28.0 - 33.0 credits

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<tr>
<th>Course No.</th>
<th>Short Title</th>
<th>C.H.</th>
<th>Grade</th>
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<tbody>
<tr>
<td>GEOG 120</td>
<td>Human Geography</td>
<td>3.0</td>
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<tr>
<td>GEOG 202</td>
<td>Resources &amp; Environment</td>
<td>3.0</td>
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<tr>
<td>GEOG 230</td>
<td>Physical Geography</td>
<td>3.0</td>
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**Regional Dimensions (3.0 credits)**  
Choose 1 course from courses numbered GEOG 14X, GEOG 24X, or GEOG 34X.  
GEOG ___ ______________________________________________ 3.0 __

**Upper Level Environmental/Physical Geography (12.0 credits)**  
Choose 4 courses from courses numbered GEOG 30X, or GEOG 33X.  
GEOG ___ ___________________________________________ 3.0 ___  
GEOG ___ ___________________________________________ 3.0 ___  
GEOG ___ ___________________________________________ 3.0 ___  
GEOG ___ ___________________________________________ 3.0 ___

**Environmental Techniques (9-10.0 credits)**  
GEOG 281 Map Interpretation & Analysis  3.0 ___  
GEOG 295 Geog Information Systems  3.0 ___  
Additionally, choose 1 course from courses numbered GEOG 37X, GEOG 38X, GEOG 29X, GEOG 39X or GEOG 350 Raster GIS & Remote Sensing.  
GEOG ___ ___________________________________________ 3.0 ___

**Environmental Research/Practicum (3.0 credits)**  
Choose 1 course from the following:  
GEOG 300 Co-Op in Geography  3.0 ___  
GEOG 488 Senior Thesis  3.0 ___

**Minor:** Identify and complete a minor in consultation with your adviser.  
Recommended minors (with Department):  
- Minors with an environmental emphasis: Biology (BIOL); Geology, Meteorology, Oceanography or Earth Science (ESCI); Env'tl Hazards & Emergency Mgmt (EHEM); Env'tl Policy & Regulation, Industrial & Env'tl Health, Land Use, Quant. Methods in Env'tl Science, or Water Resources (ENVI); Occupational Safety (OSEH).  
- Other relevant minors: Criminology (SOAN); Govt & Pol. Affairs (GOVT); Intl Studies (INTL); Print Media Studies (Journalism) (ENGL).

**Name of Minor: ________________________________**

When applicable, up to six of the **REQUIRED RELATED** courses may be credited toward the Liberal Arts Core subject to normal distribution rules.

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<td>GEOG 295</td>
<td>Geog Information Systems</td>
<td>3.0</td>
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**REQUIRED RELATED (28.0 - 33.0 credits)**  
(Note: Courses with * asterisks have prerequisites. Math courses require placement or prerequisites.)

**Choose 1 Math course from:**  
MATH 151 Calc for Mgmt, Life & SS (G2)  4.0 ___  
MATH 160 Precalculus (G2)  4.0 ___

**Choose 1 Statistics course from:**  
MATH 235 Survey of Statistics (G2)*  3.0 ___  
BIOL 375 Biometry *  3.0 ___  
ECON 231 Applied Statistics I (G3)  3.0 ___  
ENVI 330 Env Stats & Risk Assessment*  3.0 ___

**Choose 1 Environmental Science course from:**  
BIOL 241 Principles of Ecology *  3.0 ___  
ESCI 101 Earth Sys & Nat Hazards (G2)  3.0 ___  
ESCI 104 The World Ocean (G2)  3.0 ___  
ESCI 104/105The World Ocean w/Lab  3.0/1.0 ___  
ESCI 107 The Atmosphere (G2) OR  3.0 ___  
ESCI 109 Atmosphere w/Lab (G2, L)  4.0 ___  
ESCI 221 Physical Geology (G2, L)  4.0 ___  
ESCI 225 Geomorphology *  3.0 ___  
ESCI 245 Environ Meteorology (G2, L)*  3.0 ___  
ESCI 261 Intro Oceanography (G2, L)*  4.0 ___  
ESCI 322 Environmental Hydrology *  3.0 ___

**General Electives (as necessary)**  
Any of the Required Related courses listed above plus:  
- ANTH 342 World Hunger (P)  3.0 ___  
- BIOL 208 Plants and People (G2)*  3.0 ___  
- BIOL 211 Concepts of Zoology (G2, L)*  4.0 ___  
- BIOL 221 Concepts of Botany (G2, L)*  4.0 ___  
- BIOL 247 Biodiversity (G2, L)*  3.0 ___  
- BIOL 340 Perspect Env. Awareness (P)  3.0 ___  
- CHEM 102 Science of Chemistry (G2, L)  3.0 ___  
- CHEM 103/4 Gen Org & Biochem I/II (G2, L)  3.0 ___  
- COMM 311 Environ Advocacy (G1)  3.0 ___  
- ECON 102 Principles Microecon (G3)  3.0 ___  
- ECON 207 Environ Economics (G3, W)*  3.0 ___  
- ESCI 320 Roads West: Geol, Tech (P)*  3.0 ___  
- ESCI 385 Global Change (W)*  3.0 ___  
- ESCI 466 Coastal Environ Ocean (P)*  3.0 ___  
- GOVT 205 Intro to Public Policy (G3)  3.0 ___  
- OSEH 120 Fund Safety & Env Health(G3)  3.0 ___  
- OSEH 321 Environ & Indust Hygiene 1*  3.0 ___  
- PHI 345 Humanity & Environment (P)  3.0 ___  
- PHYS 131/2 Physics I/II w/Algebra (G2, L)  4.0 ___  
- SOCY 211 Social Problems (G3, W)  3.0 ___  
- SOCY 216 Human Population (G3, W)  3.0 ___  
- SOCY 313 Sociology of Disaster (G3, W)*  3.0 ___  

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**OPTIONAL COURSES FOR GEN ED REQS:**

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- BIOL 208 Plants and People (G2)*  3.0 ___  
- BIOL 211 Concepts of Zoology (G2, L)*  4.0 ___  
- BIOL 221 Concepts of Botany (G2, L)*  4.0 ___  
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**SUMMER 2012**

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