ENVIRONMENTAL SCIENCE, BACHELOR OF SCIENCE WITH A CONCENTRATION IN GEOGRAPHY AND PLANNING

Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ENVN 2010</td>
<td>ENVIRONMENTAL PROBLEMS AND SOLUTIONS</td>
<td>1</td>
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<tr>
<td>CHEM 1010</td>
<td>CHEMISTRY IN THE ENVIRONMENT AND SOCIETY</td>
<td>3</td>
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<td>CHEM 1014</td>
<td>CHEMISTRY IN THE ENVIRONMENT AND SOCIETY LABORATORY</td>
<td>1</td>
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<tr>
<td>GEOL 1010</td>
<td>ENVIRONMENTAL GEOLOGY</td>
<td>3</td>
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<tr>
<td>ENVN/GEOG/GEOL/Biol 4610</td>
<td>ENVIRONMENTAL MONITORING AND ASSESSMENT</td>
<td>3</td>
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<tr>
<td>Minimum of 3 credit hours of ENVN 4800 must be completed</td>
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<tr>
<td>ENVN/Biol 4800</td>
<td>INTERNSHIP ENVIRONMENTAL MANAGEMENT AND PLANNING</td>
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<tr>
<td>ENVN/Biol/GEOG/PA 4820</td>
<td>INTRODUCTION TO ENVIRONMENTAL LAW &amp; REGULATIONS</td>
<td>3</td>
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Also required:

- An approved course in statistics: 3-4
- Introductory GIS lecture and lab sequence:
  - GEOG 3530 & GEOG 3540: CARTOGRAPHY AND GIS and CARTOGRAPHY & GIS LAB: 4

Geography and Planning Concentration requirements:

- Select one physical geography course from the following: 4
  - GEOG 1030: INTRODUCTION TO PHYSICAL GEOGRAPHY
  - GEOG 1050: HUMAN-ENVIRONMENT GEOGRAPHY

- Select three courses from the following in Human Geography and Planning: 9-10
  - GEOG 1020: INTRODUCTION TO HUMAN GEOGRAPHY
  - GEOG 4120: URBAN GEOGRAPHY
  - GEOG 4160: URBAN SUSTAINABILITY

- Or alternative courses approved by advisor. Both ENVN 3660 and ENVN 3670 must be completed to count towards this requirement.

- Select two courses in Physical Geography: 6
  - GEOG 3440: NEBRASKA NATURAL RESOURCES MANAGEMENT
  - GEOG 3510: METEOROLOGY

- Select two additional courses in Geospatial Sciences: 6-8
  - GEOG 4020: SPATIAL ANALYSIS IN GEOGRAPHY
  - GEOG 4030: COMPUTER MAPPING AND VISUALIZATION

- Required cognate courses:
  - Two approved courses in computer science: 6
  - Select two additional courses in Biology from the following: 6-9
    - BIOL 1020: PRINCIPLES OF BIOLOGY
    - BIOL 3340: ECOLOGY
    - BIOL 3530: FLORA OF THE GREAT PLAINS
    - BIOL 4120: CONSERVATION BIOLOGY
    - BIOL 4180: LIMNOLOGY
    - BIOL 4210: FIRE ECOLOGY
    - BIOL/ENVN 4410: WETLAND ECOLOGY AND MANAGEMENT

- Physics lecture and lab:
  - PHYS 1050 & PHYS 1054: INTRODUCTION TO PHYSICS and INTRODUCTION TO PHYSICS LABORATORY: 5

Total Credits: 69-76

Writing in the Discipline

All students are required to take a writing in the discipline course within their major. For the Environmental Science major with a concentration in Geography and Planning, the writing in the discipline requirement can be fulfilled by completing ENGL 3980.