# Environmental Science Minor

Students interested in a minor in environmental science must meet with the Director of Environmental Studies (jmccarty@unomaha.edu) to develop an approved plan of study.

## Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td><strong>Required courses:</strong></td>
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<tr>
<td>ENVN 2010</td>
<td>ENVIRONMENTAL PROBLEMS AND SOLUTIONS</td>
<td>1</td>
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<tr>
<td>Select one course from the following:</td>
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<td>3-4</td>
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<tr>
<td>BIOL 1330</td>
<td>ENVIRONMENTAL BIOLOGY</td>
<td></td>
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<tr>
<td>CHEM 1010</td>
<td>CHEMISTRY IN THE ENVIRONMENT AND SOCIETY</td>
<td></td>
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<tr>
<td>GEOG 1050</td>
<td>HUMAN-ENVIRONMENT GEOGRAPHY</td>
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<tr>
<td>GEOL 1010</td>
<td>ENVIRONMENTAL GEOLOGY</td>
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Select 12 credit hours from the following, provided those courses are not in the major field of study, and are approved by the Director of Environmental Studies:

### Environmental Studies

- ENVN/PHIL 3180  | ENVIRONMENTAL ETHICS
- ENVN 3660      | INTRODUCTION TO SUSTAINABLE LANDSCAPE DESIGN
- ENVN 3670      | INTRODUCTION TO SUSTAINABLE LANDSCAPE DESIGN LABORATORY
- ENVN 4090      | SPECIAL TOPICS IN ENVIRONMENTAL STUDIES
- ENVN/BIOL 4180 | FRESHWATER ECOLOGY
- ENVN/PSCI 4270 | GLOBAL ENVIRONMENTAL POLITICS
- ENVN 4310      | OUR ENERGY FUTURE: SOCIETY, THE ENVIRONMENT AND SUSTAINABILITY
- ENVN 4330      | INTRODUCTION TO GREEN INFRASTRUCTURE
- ENVN 4350      | GLOBAL CLIMATE CHANGE
- ENVN/BIOL 4410 | WETLAND ECOLOGY AND MANAGEMENT
- ENVN/BIOL 4420 | RESTORATION ECOLOGY
- ENVN/BIOL 4600 | GIS APPLICATIONS FOR ENVIRONMENTAL SCIENCE
- ENVN/GEOG/GEOL/BIOL 4610 | ENVIRONMENTAL MONITORING AND ASSESSMENT
- ENVN/BIOL 4800 | INTERNSHIP ENVIRONMENTAL MANAGEMENT AND PLANNING
- ENVN/BIOL/PA 4820 | INTRODUCTION TO ENVIRONMENTAL LAW & REGULATIONS
- ENVN/BIOL 4970 | ADVANCED BOTANY

### Biology

- BIOL 3340 | ECOLOGY
- BIOL 3530 | FLORA OF THE GREAT PLAINS
- BIOL 3730 | FAUNA OF THE GREAT PLAINS
- BIOL 4120 | CONSERVATION BIOLOGY
- BIOL 4180 | FRESHWATER ECOLOGY
- BIOL 4210 | FIRE ECOLOGY
- BIOL 4780 | VERTEBRATE ZOOLOGY
- BIOL 4790 | MAMMALOGY
- BIOL 4840 | HERPETOLOGY

### Chemistry

- CHEM 3030 | ENVIRONMENTAL CHEMISTRY

### Geography

- GEOG 3340 | NEBRASKA NATURAL RESOURCES MANAGEMENT
- GEOG 3510 | METEOROLOGY
- GEOG 3514 | INTRODUCTION TO METEOROLOGY LABORATORY
- GEOG 4010 | CONSERVATION OF NATURAL RESOURCES
- GEOG 4020 | SPATIAL ANALYSIS IN GEOGRAPHY
- GEOG 4050 | GEOGRAPHIC INFORMATION SYSTEMS I
- GEOG/BIOL/GEOL 4100 | BIOGEOGRAPHY
- GEOG 4160 | URBAN SUSTAINABILITY
- GEOG 4230 | GREAT PLAINS & NEBRASKA
- GEOG 4260 | PROCESS GEOMORPHOLOGY
- GEOG 4320 | CLIMATOLOGY
- GEOG 4330 | SOIL GENESIS, MORPHOLOGY AND CLASSIFICATION
- GEOG 4340 | WATER RESOURCES
- GEOG 4350 | GLOBAL CLIMATE CHANGE
- GEOG 4630 | ENVIRONMENTAL REMOTE SENSING

### Geology

- GEOL 3300 | STRUCTURAL GEOLOGY
- GEOL 3310 | STRUCTURAL GEOLOGY FIELD METHODS
- GEOL 3400 | INTRODUCTION TO SEDIMENTARY GEOLOGY
- GEOL 4260 | PROCESS GEOMORPHOLOGY
- GEOL 4330 | SOIL GENESIS, MORPHOLOGY AND CLASSIFICATION
- GEOL 4540 | GEOCHEMISTRY
- GEOL 4640 | CRITICAL ZONE SCIENCE

### Society, Environment and Resource Conservation

- SOC 4760 | ENVIRONMENTAL SOCIOLOGY

### Total Credits

- 16-17