Environmental Policy and Planning, B.S.

Learning Outcomes

Students who earn a degree in environmental policy and planning will be able to:

- critically analyze complex environmental problems to identify how they result from interactions among the physical environment and human societies, economies, and political systems;
- identify ways in which humans impact and are impacted by the environment;
- identify key stakeholders and sources of information in the natural and social sciences to consider in developing solutions to environmental problems;
- explain the role of policy and planning in addressing environmental issues locally, regionally, and globally;
- work collaboratively in interdisciplinary teams to design approaches to managing environmental problems; and
- identify and implement key tools and methods for environmental planning and policy making.

Requirements

The Bachelor of Science with a major in environmental policy and planning requires a minimum of 120 s.h., including at least 55-62 s.h. of work for the major. Transfer students must complete at least 21 s.h. of work for the major in residence at the University of Iowa. Students must maintain a g.p.a. of at least 2.00 in all courses for the major and in all UI courses for the major. They also must complete the College of Liberal Arts and Sciences GE CLAS Core.

The major in environmental policy and planning concentrates on the social science and policy dimensions of environmental problems, which often are caused by people and may have significant economic effects. Environmental issues are embedded in an array of complex issues. Planners and policy makers must understand the human dimensions of these factors in order to solve environmental problems.

The environmental policy and planning major is interdisciplinary; it draws courses from geographical and sustainability sciences, anthropology, economics, political science, history, and other disciplines. Work for the major includes introductory courses, methods courses, intermediate courses, and one of two tracks: the planning track or the policy track.

Students who earn a second major in anthropology, geography, political science, or history must complete a minimum of 12 s.h. of coursework in the second major that they do not also count toward the major in environmental policy and planning. The 12 s.h. of courses must be offered by the second major’s administrative home: anthropology (prefix ANTH), geographical and sustainability sciences (prefix GEOG), or political science (prefix POLI). This requirement applies whether students earn the same degree (B.A. or B.S.) with both majors or earn a B.A. with one major and a B.S. with the other. However, honors students in environmental policy and planning may count their honors thesis credit toward this 12 s.h. requirement.

Students may not use a course to satisfy more than one requirement for the major.

The B.S. with a major in environmental policy and planning requires the following coursework.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introductory Courses</td>
<td></td>
<td>55-62</td>
</tr>
<tr>
<td>Intermediate Courses</td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>Methods Courses</td>
<td></td>
<td>13-14</td>
</tr>
<tr>
<td>Capstone Course/Research Project</td>
<td></td>
<td>1-6</td>
</tr>
<tr>
<td>Track Courses</td>
<td></td>
<td>12</td>
</tr>
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</table>

Introductory Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON:1100</td>
<td>Principles of Microeconomics</td>
<td>4</td>
</tr>
<tr>
<td>ENVS:2010/</td>
<td>Interdisciplinary Environmental Seminar</td>
<td>1</td>
</tr>
<tr>
<td>EES:2010/</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOG:2010</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOG:1070</td>
<td>Contemporary Environmental Issues</td>
<td>3</td>
</tr>
<tr>
<td>GEOG:2013/</td>
<td>Introduction to Sustainability</td>
<td>3</td>
</tr>
<tr>
<td>BUS:2013/</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SUST:2013/</td>
<td></td>
<td></td>
</tr>
<tr>
<td>URP:2013</td>
<td></td>
<td></td>
</tr>
<tr>
<td>One of these:</td>
<td>Environmental Politics in India</td>
<td>3</td>
</tr>
<tr>
<td>ANTH:1046</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOG:1046</td>
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</tr>
<tr>
<td>GWSS:1046</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SJUS:1046</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANTH:2261</td>
<td>Human Impacts on the Environment</td>
<td>3</td>
</tr>
<tr>
<td>One of these:</td>
<td>Introduction to Environmental Science</td>
<td>3-4</td>
</tr>
<tr>
<td>EES:1080</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENVS:1080</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENVS:1085</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EES:1085</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOG:1020</td>
<td>The Global Environment</td>
<td>3</td>
</tr>
</tbody>
</table>

Intermediate Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>One of these:</td>
<td>Environment and Culture</td>
<td>3</td>
</tr>
<tr>
<td>ANTH:3103</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOG:3300/</td>
<td>Envisioning Future Worlds: Sustainable Development and Its Alternatives</td>
<td>3</td>
</tr>
<tr>
<td>GHS:3300</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NAIS:1290/</td>
<td>Native American Foods and Foodways</td>
<td>3</td>
</tr>
<tr>
<td>AMST:1290</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GHS:1290/</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST:1290</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Two of these:</td>
<td>Iowa Environmental Policy in Practice</td>
<td>3</td>
</tr>
<tr>
<td>GEOG:3400</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GHS:3780/</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST:3240</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST:3230</td>
<td>American Environmental History</td>
<td>3</td>
</tr>
<tr>
<td>POLI:1400</td>
<td>Introduction to Comparative Politics</td>
<td>3</td>
</tr>
</tbody>
</table>
### Environmental Policy and Planning, B.S.

**POLI:3111**  
American Public Policy  
3

One of these:

**CNW:2740**  
The Art and Craft of Writing about the Environment  
3

**JMC:1800**  
Twenty-first-Century Science: Environmental Communication in the Digital Age  
3

**RHET:3560/ PBAF:3560/ POLI:3560/ SJUS:3560**  
Public Policy and Persuasion  
3

**RHET:3700**  
Advocacy and Sustainability: Crafting Stories of People, Place, and Resilience  
3

### Methods Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG:1050</td>
<td>Foundations of GIS</td>
<td>4</td>
</tr>
<tr>
<td>GEOG:3520/ IGPI:3520</td>
<td>GIS for Environmental Studies</td>
<td>3</td>
</tr>
<tr>
<td>STAT:2010</td>
<td>Statistical Methods and Computing</td>
<td>3</td>
</tr>
<tr>
<td>One of these:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STAT:3120/ DATA:3120/ IGPI:3120</td>
<td>Probability and Statistics</td>
<td>4</td>
</tr>
<tr>
<td>POLI:3000</td>
<td>Analyzing Political Data</td>
<td>3</td>
</tr>
<tr>
<td>ANTH:5110</td>
<td>Anthropological Data Analysis</td>
<td>3</td>
</tr>
<tr>
<td>STAT:4143/ PSQF:4143</td>
<td>Introduction to Statistical Methods</td>
<td>3</td>
</tr>
</tbody>
</table>

### Capstone Course/Research Project

Students complete a capstone course or a research project requirement. Capstone or research project courses are typically taken by students during their senior year. Students who choose GEOG:3992 must make arrangements with a faculty advisor.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
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<td>One of these:</td>
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</tr>
<tr>
<td>ENVS:3010/ EES:3010/ GEOG:3003</td>
<td>Interdisciplinary Environmental Seminar</td>
<td>1</td>
</tr>
<tr>
<td>GEOG:3992</td>
<td>Undergraduate Research (consult advisor)</td>
<td>1</td>
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</tbody>
</table>

Honors students choose from the following options.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>One of these:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANTH:4995</td>
<td>Honors Research Seminar</td>
<td>2</td>
</tr>
<tr>
<td>GEOG:4995</td>
<td>Honors Thesis</td>
<td>3</td>
</tr>
<tr>
<td>POLI:4601</td>
<td>Honors Senior Thesis</td>
<td>3</td>
</tr>
<tr>
<td>Or both of these:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST:3995</td>
<td>History Honors Research Seminar</td>
<td>3</td>
</tr>
<tr>
<td>HIST:3996</td>
<td>Honors Thesis</td>
<td>3</td>
</tr>
</tbody>
</table>

### Tracks

Students choose either the planning track or the policy track and complete their track’s required coursework.

#### Planning Track

The planning track requires 12 s.h. Some of these courses have prerequisites; students must complete all of a course’s prerequisites before they may register for the course or seek permission of the instructor.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>One of these:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECON:3625/ URP:3135</td>
<td>Environmental and Natural Resource Economics</td>
<td>3</td>
</tr>
<tr>
<td>GEOG:3800</td>
<td>Environmental Economics and Policy</td>
<td>3</td>
</tr>
<tr>
<td>Three of these:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECON:3640/ URP:3134</td>
<td>Regional and Urban Economics</td>
<td>3</td>
</tr>
<tr>
<td>GEOG:2410</td>
<td>Environment and Development</td>
<td>3</td>
</tr>
<tr>
<td>GEOG:2930</td>
<td>Water Resources</td>
<td>3</td>
</tr>
<tr>
<td>GEOG:3315</td>
<td>Ecosystem Ecology</td>
<td>3</td>
</tr>
<tr>
<td>GEOG:3340</td>
<td>Ecosystem Services</td>
<td>3</td>
</tr>
<tr>
<td>GEOG:3350</td>
<td>Urban Ecology</td>
<td>3</td>
</tr>
<tr>
<td>GEOG:3400</td>
<td>Iowa Environmental Policy in Practice</td>
<td>3</td>
</tr>
<tr>
<td>GEOG:3760/ GHS:3760</td>
<td>Hazards and Society</td>
<td>3</td>
</tr>
<tr>
<td>GEOG:4770/ AFAM:4770/ GHS:4770</td>
<td>Environmental Justice</td>
<td>3</td>
</tr>
<tr>
<td>NAI S:1290/ AMST:1290/ GHS:1290/ HIST:1290</td>
<td>Native American Foods and Foodways (if not taken as an intermediate course)</td>
<td>3</td>
</tr>
<tr>
<td>URP:3001/ GEOG:3920</td>
<td>Planning Livable Cities</td>
<td>3</td>
</tr>
<tr>
<td>URP:3350/ ECON:3750/ GEOG:3940</td>
<td>Transportation Economics</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Policy Track

The policy track requires 12 s.h. Some of these courses have prerequisites; students must complete all of a course’s prerequisites before they may register for the course.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>One of these:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOG:4750/ URP:4750</td>
<td>Environmental Impact Analysis</td>
<td>3</td>
</tr>
<tr>
<td>POLI:2417</td>
<td>Comparative Environmental Policy</td>
<td>3</td>
</tr>
<tr>
<td>Three of these:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ANTH:3237/ HIST:3137/ MUSM:3237</td>
<td>Politics of the Archaeological Past</td>
<td>3</td>
</tr>
<tr>
<td>ANTH:3240/ NAI S:3240</td>
<td>Cultural Resources Management Archaeology: Practice and Practicalities</td>
<td>3</td>
</tr>
</tbody>
</table>
Combined Programs

B.S./M.S. in Urban and Regional Planning

Students majoring in environmental policy and planning who are interested in earning a master’s degree in urban and regional planning may apply to the combined B.S./M.S. program offered by the College of Liberal Arts and Sciences and the School of Planning and Public Affairs. The program enables students to begin the study of urban and regional planning before they complete their bachelor’s degree. Students are able to complete both degrees in less time than if they were to complete the two degrees separately.

Separate application to each degree program is required. Applicants must be admitted to both programs before they may be admitted to the combined degree program. For more information about the urban and regional planning program, see the M.S. in urban and regional planning in the Graduate College section of the Catalog.

Honors

Honors in the Major

Students have the opportunity to graduate with honors in the major. Honors students in the program must maintain a cumulative UI g.p.a. of at least 3.33 and a g.p.a. of at least 3.33 in all work for the major. They must be admitted to the major’s honors program by the first semester of their senior year or earlier.

Honors students pursue study beyond the typical undergraduate level. They work under the direction of a faculty member to conduct original research and then prepare and present an honors thesis based on their research. The thesis is reviewed by a committee of at least three faculty members. Students earn credit for the thesis by registering for ANTH:4995 Honors Research Seminar, GEOG:4995 Honors Thesis or POLI:4601 Honors Senior Thesis; or HIST:3995 History Honors Research Seminar and HIST:3996 Honors Thesis.

University of Iowa Honors Program

In addition to honors in the major, students have opportunities for honors study and activities through membership in the University of Iowa Honors Program; visit Honors at Iowa to learn about the University’s honors program.

Membership in the UI Honors Program is not required to earn honors in the environmental policy and planning major.

Career Advancement

The Pomerantz Career Center offers multiple resources to help students find internships and jobs.

Academic Plans

Four-Year Graduation Plan

The following checkpoints list the minimum requirements students must complete by certain semesters in order to stay on the University’s Four-Year Graduation Plan. Courses in the major are those required to complete the major; they may be offered by departments other than the major department.

Before the third semester begins: one introductory course in the major.

Before the fifth semester begins: five courses in the major.

Before the seventh semester begins: eight courses in the major and at least 90 s.h. earned toward the degree.

Before the eighth semester begins: 12 courses in the major.

During the eighth semester: enrollment in all remaining coursework in the major, all remaining GE CLAS Core courses, and a sufficient number of semester hours to graduate.

Sample Plans of Study

Sample plans represent one way to complete a program of study. Actual course selection and sequence will vary and should be discussed with an academic advisor. For additional sample plans, see MyUI.

Environmental Policy and Planning, B.S.

- Planning Track [p. 4]
- Policy Track [p. 5]
### Planning Track

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Academic Career</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Any Semester</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>GE CLAS Core: Sustainability</strong></td>
<td></td>
<td>0</td>
</tr>
</tbody>
</table>

| **First Year** |                                                                        |       |
| **Fall**       |                                                                        |       |
| ENVS:1085      | Fundamentals of Environmental Science                                  | 3-4   |
| or GEOG:1020   | or The Global Environment or Introduction to Environmental Science    |       |
| or EES:1080    |                                                                        |       |
| GEOG:1070      | Contemporary Environmental Issues                                      | 3     |
| RHET:1030      | Rhetoric or The Interpretation of Literature                           | 3-4   |
| or ENGL:1200   |                                                                        |       |
| CSI:1600       | Success at Iowa                                                        | 2     |
| Elective course |                                                                      | 3     |

| **Hours**       |                                                                      | 14-16 |

| **Spring**      |                                                                        |       |
| ECON:1100       | Principles of Microeconomics                                           | 4     |
| STAT:2010       | Statistical Methods and Computing                                      | 3     |
| RHET:1030       | Rhetoric or The Interpretation of Literature                           | 3-4   |
| or ENGL:1200    |                                                                        |       |
| GE CLAS Core: Diversity and Inclusion |                                        | 3     |
| Elective course |                                                                      | 3     |

| **Hours**       |                                                                      | 16-17 |

| **Second Year** |                                                                        |       |
| **Fall**        |                                                                        |       |
| ANTH:2261       | Human Impacts on the Environment or Environmental Politics in India   | 3     |
| or ANTH:1046    |                                                                        |       |
| ENVS:2010       | Interdisciplinary Environmental Seminar                                | 1     |
| GEOG:2013       | Introduction to Sustainability                                         | 3     |
| Major: upper-level statistics course |                                      | 3     |
| GE CLAS Core: World Languages First Level |                                    | 4-5   |
| Proficiency or elective course |                                     |       |

| **Hours**       |                                                                      | 14-15 |

| **Spring**      |                                                                        |       |
| GEOG:1050       | Foundations of GIS                                                     | 4     |
| Major: intermediate political science or history or geography course |                               | 3     |
| GE CLAS Core: Literary, Visual, and Performing Arts |                           | 3     |
| GE CLAS Core: World Languages Second Level |                                      | 4-5   |
| Proficiency or elective course |                                     | 3     |
| Elective course |                                                                      | 2     |

| **Hours**       |                                                                      | 16-17 |

### Third Year

| **Fall**       |                                                                        |       |
| GEOG:3300      | Envisioning Future Worlds: Sustainable Development and Its Alternatives | 3     |
| or NAIS:1290   | or ANTH:3103                                                          |       |
| or ENS:3103    | or Native American Foods and Foodways or Environment and Culture       |       |
| GEOG:3520      | GIS for Environmental Studies                                          | 3     |
| Major: planning track elective course |                                      | 3     |
| GE CLAS Core: World Languages Second Level |                                    | 4-5   |
| Proficiency or elective course |                                     |       |

| **Hours**       |                                                                      | 16-17 |

| **Spring**      |                                                                        |       |
| ECON:3625       | Environmental and Natural Resource Economics or Environmental Economics and Policy | 3     |
| or GEOG:3800    |                                                                        |       |
| Major: intermediate political science or history or geography course |                               | 3     |
| GE CLAS Core: Natural Sciences with Lab |                              | 4     |
| GE CLAS Core: World Languages Fourth Level |                                    | 4-5   |
| Proficiency or elective course |                                     |       |
| Elective course |                                                                      | 2     |

| **Hours**       |                                                                      | 16-17 |

| **Fourth Year** |                                                                        |       |
| **Fall**        |                                                                        |       |
| Major: planning track elective course |                                      | 3     |
| GE CLAS Core: Values and Culture |                                   | 3     |
| GE CLAS Core: Historical Perspectives |                                   | 3     |
| Elective course |                                                                      | 3     |
| Elective course |                                                                      | 3     |

| **Hours**       |                                                                      | 15    |

| **Spring**      |                                                                        |       |
| Major: senior capstone research project |                                | 1-3   |
| Major: planning track elective course |                                      | 3     |
| Elective course |                                                                      | 3     |
| Elective course |                                                                      | 3     |
| Elective course |                                                                      | 3     |
| Degree Application: apply on MyUI before deadline (typically in February for spring, September for fall) | |       |

| **Hours**       |                                                                      | 13-15 |

| **Total Hours** |                                                                      | 120-129 |

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a Sustainability must be completed by choosing a course that has been approved for Sustainability AND for one of these General Education areas: Natural Sciences; Quantitative and Formal Reasoning; Social Sciences; Historical Perspectives; International and Global Issues; Literary, Visual, and Performing Arts; or Values and Culture.
b Fulfills a major requirement and may fulfill a GE requirement.
c Students may use elective courses to earn credit towards the total s.h. required for graduation or to complete a double major, minors, or certificates.
d GE CLAS Core courses may be completed in any order unless used as a prerequisite for another course. Students should consult with an advisor about the best sequencing of courses.
e Students who have completed four years of a single language in high school have satisfied the GE CLAS Core World Languages requirement. Enrollment in world languages courses requires a placement exam, unless enrolling in a first-semester-level course.
f Choose from GEOG:3400, GEOG:3780, HIST:3230, POLI:1400, or POLI:3111.
g Choose from CNW:2740, JMC:1800, RHET:3560, or RHET:3700.
h Choose from ENVS:3010 or GEOG:3992. Honors students choose from ANTH: 4995, GEOG:4995, POLI:4601, or both HIST: 3995 and HIST: 3996.
i Please see Academic Calendar, Office of the Registrar website for current degree application deadlines. Students should apply for a degree for the session in which all requirements will be met. For any questions on appropriate timing, contact your academic advisor or Graduation Services.

### Policy Track

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Academic Career</strong></td>
<td></td>
<td><strong>0</strong></td>
</tr>
<tr>
<td><strong>Any Semester</strong></td>
<td></td>
<td><strong>0</strong></td>
</tr>
<tr>
<td><strong>First Year</strong></td>
<td></td>
<td><strong>0</strong></td>
</tr>
<tr>
<td><strong>Fall</strong></td>
<td></td>
<td><strong>0</strong></td>
</tr>
<tr>
<td>ENVS:1085 or GEOG:1020 or EES:1080</td>
<td>Fundamentals of Environmental Science or The Global Environment or Introduction to Environmental Science</td>
<td><strong>3 - 4</strong></td>
</tr>
<tr>
<td>GEOG:1070</td>
<td>Contemporary Environmental Issues</td>
<td><strong>3</strong></td>
</tr>
<tr>
<td>ENGL:1200 or RHET:1030</td>
<td>The Interpretation of Literature or Rhetoric</td>
<td><strong>3 - 4</strong></td>
</tr>
<tr>
<td>CSI:1600</td>
<td>Success at Iowa</td>
<td><strong>2</strong></td>
</tr>
<tr>
<td>Elective course</td>
<td></td>
<td><strong>3</strong></td>
</tr>
<tr>
<td><strong>Spring</strong></td>
<td></td>
<td><strong>14-16</strong></td>
</tr>
<tr>
<td>ECON:1100</td>
<td>Principles of Microeconomics</td>
<td><strong>4</strong></td>
</tr>
<tr>
<td>STAT:2010</td>
<td>Statistical Methods and Computing</td>
<td><strong>3</strong></td>
</tr>
<tr>
<td>RHET:1030 or ENGL:1200</td>
<td>Rhetoric or The Interpretation of Literature</td>
<td><strong>3 - 4</strong></td>
</tr>
<tr>
<td>GE CLAS Core: Diversity and Inclusion</td>
<td></td>
<td><strong>3</strong></td>
</tr>
<tr>
<td>Elective course</td>
<td></td>
<td><strong>3</strong></td>
</tr>
<tr>
<td><strong>Second Year</strong></td>
<td></td>
<td><strong>16-17</strong></td>
</tr>
<tr>
<td><strong>Fall</strong></td>
<td></td>
<td><strong>0</strong></td>
</tr>
<tr>
<td>ANTH:2261 or ANTH:1046</td>
<td>Human Impacts on the Environment or Environmental Politics in India</td>
<td><strong>3</strong></td>
</tr>
<tr>
<td>ENVS:2010</td>
<td>Interdisciplinary Environmental Seminar</td>
<td><strong>1</strong></td>
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<tr>
<td>GEOG:2013</td>
<td>Introduction to Sustainability</td>
<td><strong>3</strong></td>
</tr>
<tr>
<td>Major: upper-level statistics course</td>
<td></td>
<td><strong>3</strong></td>
</tr>
<tr>
<td>GE CLAS Core: World Languages First Level Proficiency or elective course</td>
<td></td>
<td><strong>4 - 5</strong></td>
</tr>
<tr>
<td><strong>Spring</strong></td>
<td></td>
<td><strong>14-15</strong></td>
</tr>
<tr>
<td>GEOG:1050</td>
<td>Foundations of GIS</td>
<td><strong>4</strong></td>
</tr>
<tr>
<td>Major: intermediate political science or history or geography course</td>
<td></td>
<td><strong>3</strong></td>
</tr>
<tr>
<td>GE CLAS Core: Literary, Visual, and Performing Arts</td>
<td></td>
<td><strong>3</strong></td>
</tr>
<tr>
<td>GE CLAS Core: World Languages Second Level Proficiency or elective course</td>
<td></td>
<td><strong>4 - 5</strong></td>
</tr>
<tr>
<td>Elective course</td>
<td></td>
<td><strong>2</strong></td>
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<tr>
<td><strong>Third Year</strong></td>
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<td><strong>16-17</strong></td>
</tr>
<tr>
<td><strong>Fall</strong></td>
<td></td>
<td><strong>0</strong></td>
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<tr>
<td>NAIS:1290 or GEOG:3300 or ANTH:3103</td>
<td>Native American Foods and Foodways or Envisioning Future Worlds: Sustainable Development and Its Alternatives or Environment and Culture</td>
<td><strong>3</strong></td>
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<tr>
<td>GEOG:3520</td>
<td>GIS for Environmental Studies</td>
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<tr>
<td>POLI:2417 or GEOG:4750</td>
<td>Comparative Environmental Policy or Environmental Impact Analysis</td>
<td><strong>3</strong></td>
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<tr>
<td>Major: intermediate communication course</td>
<td></td>
<td><strong>3</strong></td>
</tr>
<tr>
<td>GE CLAS Core: World Languages Second Level Proficiency or elective course</td>
<td></td>
<td><strong>4 - 5</strong></td>
</tr>
<tr>
<td><strong>Fourth Year</strong></td>
<td></td>
<td><strong>16-17</strong></td>
</tr>
<tr>
<td><strong>Fall</strong></td>
<td></td>
<td><strong>0</strong></td>
</tr>
<tr>
<td>Major: policy track elective course</td>
<td></td>
<td><strong>3</strong></td>
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<tr>
<td>GE CLAS Core: Values and Culture</td>
<td></td>
<td><strong>3</strong></td>
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<tr>
<td>GE CLAS Core: Historical Perspectives</td>
<td></td>
<td><strong>3</strong></td>
</tr>
<tr>
<td>Elective course</td>
<td></td>
<td><strong>3</strong></td>
</tr>
<tr>
<td>Elective course</td>
<td></td>
<td><strong>3</strong></td>
</tr>
<tr>
<td><strong>Spring</strong></td>
<td></td>
<td><strong>15</strong></td>
</tr>
<tr>
<td>Major: senior capstone research project</td>
<td></td>
<td><strong>1 - 3</strong></td>
</tr>
<tr>
<td>Major: policy track elective course</td>
<td></td>
<td><strong>3</strong></td>
</tr>
<tr>
<td>Elective course</td>
<td></td>
<td><strong>3</strong></td>
</tr>
<tr>
<td>Elective course</td>
<td></td>
<td><strong>3</strong></td>
</tr>
<tr>
<td>Degree Application: apply on MyUI before deadline (typically in February for spring, September for fall)</td>
<td></td>
<td><strong>13-15</strong></td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td></td>
<td><strong>120-129</strong></td>
</tr>
</tbody>
</table>

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a Sustainability must be completed by choosing a course that has been approved for Sustainability AND for one of these...
General Education areas: Natural Sciences; Quantitative and Formal Reasoning; Social Sciences; Historical Perspectives; International and Global Issues; Literary, Visual, and Performing Arts; or Values and Culture.
b Fulfills a major requirement and may fulfill a GE requirement.
c Students may use elective courses to earn credit towards the total s.h. required for graduation or to complete a double major, minors, or certificates.
d GE CLAS Core courses may be completed in any order unless used as a prerequisite for another course. Students should consult with an advisor about the best sequencing of courses.
e Students who have completed four years of a single language in high school have satisfied the GE CLAS Core World Languages requirement. Enrollment in world languages courses requires a placement exam, unless enrolling in a first-semester-level course.
f Choose from GEOG:3400, GEOG:3780, HIST:3230, POLI:1400, or POLI:3111.
g Choose from CNW:2740, JMC:1800, RHET:3560, or RHET:3700.
Choose from ENV5:3010 or GEOG:3992. Honors students choose from ANTH: 4995, GEOG:4995, POLI:4601, or both HIST: 3995 and HIST: 3996.
i Please see Academic Calendar, Office of the Registrar website for current degree application deadlines. Students should apply for a degree for the session in which all requirements will be met. For any questions on appropriate timing, contact your academic advisor or Graduation Services.