## Environmental Science and Policy: Soil, Water, and Land Resources
### (2299L) - Four Year Academic Plan

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Fall</th>
<th>Credit</th>
<th>Grade</th>
<th>Spring</th>
<th>Credit</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benchmark Requirements</td>
<td>MATH120 OR 140 (AR)</td>
<td>3</td>
<td>I-Series (IS1)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Completed by 2 semesters</td>
<td>ENSP101 (NS)</td>
<td>3</td>
<td>ENSP102 (HS1)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>BSCI160/161</td>
<td>4</td>
<td>CHEM131/132</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Humanities (HU1)*</td>
<td>3</td>
<td>Oral Comm (OC)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ENGL101 (AW)</td>
<td>3</td>
<td>Diversity (UP1)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td>16</td>
<td>TOTAL</td>
<td>16</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2</th>
<th>Fall</th>
<th>Credit</th>
<th>Grade</th>
<th>Spring</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benchmark 2 Requirements</td>
<td>ENST200</td>
<td>3</td>
<td>Skills devmt #1**</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Completed by 4 semesters</td>
<td>AREC241 (IS2)</td>
<td>4</td>
<td>Schol in Practice (SP1)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Humanities (HU2)*</td>
<td>3</td>
<td>BIOM301</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>GEOL100/110 (NL)</td>
<td>4</td>
<td>Elective***</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td>14</td>
<td>TOTAL</td>
<td>15</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 3</th>
<th>Fall</th>
<th>Credit</th>
<th>Grade</th>
<th>Spring</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENSP App. Sci &amp; Pol</td>
<td>3</td>
<td>Elective***</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOL451 or 452</td>
<td>3</td>
<td>I-Series (IS2)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
<td>Skills devmt #2**</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Depth #1**</td>
<td>3</td>
<td>GEOL340</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOG272</td>
<td>3</td>
<td>Restricted Elec #1**</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td>15</td>
<td>TOTAL</td>
<td>16</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 4</th>
<th>Fall</th>
<th>Credit</th>
<th>Grade</th>
<th>Spring</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof Wrtg (PW)</td>
<td>3</td>
<td>Elective***</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENSP400 (SP2)</td>
<td>3</td>
<td>Depth #2**</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Restricted Elec #2**</td>
<td>3</td>
<td>Restricted Elec #3**</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective***</td>
<td>3</td>
<td>Elective ***</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>3</td>
<td>Elective</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td>15</td>
<td>TOTAL</td>
<td>15</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* All students must complete two Distributive Studies courses that are approved for I-Series courses. Courses for Understanding Plural Societies and Cultural Competence may also fulfill a distributive studies requirement.

** For a list of courses comprising "Skill development," "Depth," and "Restricted Electives," go to:
http://www.ensp.umd.edu

*** Students planning to attend graduate school in agriculture and/or soil sciences should go on to take MATH121, PHYS121, PHYS122, CHEM231/232 and CHEM241/242.
# Environmental Science and Policy: Soil, Water, and Land Resources

## General Education Requirements

<table>
<thead>
<tr>
<th>Requirements: __credits</th>
<th>Course</th>
<th>Credits</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Writing AW</td>
<td>ENGL101</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Professional Writing PW</td>
<td>MATH120 or 140</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Oral Communication OC</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Math MA</td>
<td>MATH120 or 140</td>
<td>3 or 4</td>
<td></td>
</tr>
<tr>
<td>Analytic Reasoning AR</td>
<td></td>
<td>3 or 4</td>
<td></td>
</tr>
</tbody>
</table>

## Fundamental Studies

<table>
<thead>
<tr>
<th>Requirements: __credits</th>
<th>Course</th>
<th>Credits</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENSP101 or ENSP 102</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>MATH120 or 140</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Two of: ENSP Econ, GEOL100/110, BSCI160/161, CHEM131/132</td>
<td></td>
<td>8</td>
<td></td>
</tr>
</tbody>
</table>

## Benchmark Year 1 Requirements

### Distributive Studies

<table>
<thead>
<tr>
<th>Requirements: __credits</th>
<th>Course</th>
<th>Credits</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENSP101 and 102</td>
<td></td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Two ENSP Core Lab Sciences</td>
<td></td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Three of CHEM131/132, CHEM231/232; ENST200; add'l earth science</td>
<td></td>
<td>11 or 12</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Requirements: __credits</th>
<th>Course</th>
<th>Credits</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL100/110</td>
<td></td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>ENSP101</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ENSP102</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Humanities HU</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Humanities HU</td>
<td>ENSP101</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Scholarship in Practice SP</td>
<td>ENSP400</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Scholarship in Practice SP (non major)</td>
<td>BSC160/161</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>CHEM131/132</td>
<td></td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

### I-Series

<table>
<thead>
<tr>
<th>Requirements: __credits</th>
<th>Course</th>
<th>Credits</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL110/110 or GEOG201/211</td>
<td></td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Two of ENSP Core ECON, GVPT or GEOG</td>
<td></td>
<td>6 or 7</td>
<td></td>
</tr>
<tr>
<td>GEOG272</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>GEOG340 or GEOL340</td>
<td></td>
<td>3 or 4</td>
<td></td>
</tr>
</tbody>
</table>

### Diversity

<table>
<thead>
<tr>
<th>Requirements: __credits</th>
<th>Course</th>
<th>Credits</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOL451 or 452</td>
<td></td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

## Benchmark Year 2 Requirements

### Major Requirements

<table>
<thead>
<tr>
<th>Requirements: __credits</th>
<th>Course</th>
<th>Credits</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skills #1</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Skills #2</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Depth #1</td>
<td></td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

## Major Supporting Sequence (9 credits)

<table>
<thead>
<tr>
<th>Requirements: __credits</th>
<th>Course</th>
<th>Credits</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Restricted Elective 1</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Restricted Elective 2</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Restricted Elective 3</td>
<td></td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

## At least 30 credits must be earned at UMD

<table>
<thead>
<tr>
<th>Requirements: __credits</th>
<th>Course</th>
<th>Credits</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENSP400</td>
<td></td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

## Requirements for Graduation:

- Students must earn a minimum of 120 credits to complete a degree.
- Restricted Elective 3

- At least 30 credits must be earned at UMD