# INTEGRATED ENVIRONMENTAL SCIENCE SAMPLE 4-YEAR PLAN

## LIFE SCIENCE CONCENTRATION

<table>
<thead>
<tr>
<th></th>
<th>FALL</th>
<th>Credits</th>
<th>SPRING</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Freshman</strong></td>
<td>CHEM 111: Fundamentals of Chemistry I</td>
<td>4</td>
<td>BIOL 120: Integrative Biology⁰</td>
<td>4</td>
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<tr>
<td></td>
<td>LSEM 100: Longwood Seminar</td>
<td>1</td>
<td>CHEM 112: Fundamentals of Chemistry II*</td>
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<tr>
<td></td>
<td>MATH 171: Statistical Decision Making**</td>
<td>3</td>
<td>Foreign Language (101, 102, 105 or 201)</td>
<td>3-5</td>
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<tr>
<td></td>
<td>ENGL 150: Writing and Research</td>
<td>3</td>
<td>ECON 217: Principles of Economics (Micro)**</td>
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<tr>
<td></td>
<td>ENSC 101: Intro to Integrated Env. Sci.⁰</td>
<td>3</td>
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<td></td>
<td></td>
<td><strong>14</strong></td>
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<td><strong>14-16</strong></td>
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<tr>
<td><strong>Sophomore</strong></td>
<td>EASC 211: Environmental Geology</td>
<td>4</td>
<td>EASC 212: Atmospheric Science</td>
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<td></td>
<td>BIOL 250: Intro to Genetics &amp; Cell Biology⁰ OR BIOL 251: Intro to Ecology &amp; Evolution⁰</td>
<td>4</td>
<td>ENSC 201: Integrated Env. Investigations⁰</td>
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<td>MATH 301: Applied Statistics*</td>
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<td>Foreign Language or GNED Goal Course</td>
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<td></td>
<td>Foreign Language (102, 201)</td>
<td>3</td>
<td>BIOL 250: Intro to Genetics &amp; Cell Biology⁰ OR BIOL 251: Intro to Ecology &amp; Evolution⁰</td>
<td>4</td>
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<td><strong>15</strong></td>
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<tr>
<td><strong>Junior</strong></td>
<td>ENSC 340: Global Environmental Issues**†‡⁰</td>
<td>3</td>
<td>PHYS 103: Conceptual Physics</td>
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<td>EASC/GEOG 275: Intro to GIS</td>
<td>4</td>
<td>ENSC 380: Intro to Law and Policy</td>
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<td>BIOL 288: Sophomore Seminar⁰</td>
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<td>GNED Goal Course</td>
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<td>PHED 101 or RECR 101</td>
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<td>PHIL 316: Environmental Ethics</td>
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<td>COMM 101: Public Speaking</td>
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<td>ENSC 492, 496 or 498</td>
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<td><strong>15</strong></td>
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<td><strong>14</strong></td>
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<tr>
<td><strong>Senior</strong></td>
<td>ENSC 401: Env. Planning and Management**†‡‡⁰</td>
<td>4</td>
<td>ENSC 402: Env. Decision Making**†‡⁰</td>
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<td>Life Science Concentration Elective*</td>
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<td>GNED Goal Course</td>
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<td>ENGL 400 or GNED 400</td>
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<td>GNED Goal Course or Elective</td>
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<td></td>
<td><strong>17</strong></td>
<td></td>
<td><strong>16</strong></td>
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</tbody>
</table>

Note: Students may need additional electives to meet University 120 credit minimum requirement.

* Prerequisite(s) are required for these courses
** Students not as comfortable in math may switch these two courses
⁰ These courses MUST be taken in the semester that they are listed
† Speaking Intensive course
‡ Writing Intensive course