A suggested four year program:

**Fall Semester Classes**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biol 111/lab (NS core)</td>
<td>1</td>
</tr>
<tr>
<td>Chem 110/lab (1)</td>
<td>1</td>
</tr>
<tr>
<td>SI or WR Seminar</td>
<td>1</td>
</tr>
<tr>
<td>FL (if needed) or Math 180 or 181 (1) (MA core)</td>
<td>1</td>
</tr>
<tr>
<td>SI or WR Seminar</td>
<td>1</td>
</tr>
<tr>
<td>Approaches core</td>
<td>1</td>
</tr>
<tr>
<td>Elective or Biol 112 (4)</td>
<td>1</td>
</tr>
<tr>
<td>Elective or Biol 112 (4)</td>
<td>1</td>
</tr>
<tr>
<td>FL (if needed) or Math 181 (if nec.) or elective</td>
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</tbody>
</table>

**Spring Semester Classes**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>Biol 212/lab or elective</td>
<td>1</td>
</tr>
<tr>
<td>Biol 311/lab (3)</td>
<td>1</td>
</tr>
<tr>
<td>Approaches core</td>
<td>1</td>
</tr>
<tr>
<td>Elective</td>
<td>1</td>
</tr>
<tr>
<td>Approaches core</td>
<td>1</td>
</tr>
<tr>
<td>Elective</td>
<td>1</td>
</tr>
<tr>
<td>Approaches core</td>
<td>1</td>
</tr>
<tr>
<td>Elective</td>
<td>1</td>
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</table>

**Sophomore**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biol elec (112 or 200+) or elec (2) (4)</td>
<td>1</td>
</tr>
<tr>
<td>Chem 250/lab</td>
<td>1</td>
</tr>
<tr>
<td>Approaches core</td>
<td>1</td>
</tr>
<tr>
<td>Approaches core</td>
<td>1</td>
</tr>
<tr>
<td>Elective or Math 180 or 181</td>
<td>1</td>
</tr>
<tr>
<td>Elective or Math 180 or 181 (if needed)</td>
<td>1</td>
</tr>
<tr>
<td>Approaches core</td>
<td>1</td>
</tr>
<tr>
<td>Elective</td>
<td>1</td>
</tr>
<tr>
<td>Approaches core</td>
<td>1</td>
</tr>
<tr>
<td>Elective</td>
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</table>

**Junior**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biol 212/lab or elective</td>
<td>1</td>
</tr>
<tr>
<td>Elective</td>
<td>1</td>
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<tr>
<td>Approaches core</td>
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<tr>
<td>Approaches core</td>
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<tr>
<td>Elective</td>
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<tr>
<td>Approaches core</td>
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<tr>
<td>Elective</td>
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</tr>
<tr>
<td>Approaches core</td>
<td>1</td>
</tr>
<tr>
<td>Elective</td>
<td>1</td>
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</tbody>
</table>

**Senior**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CN core (5)</td>
<td>1</td>
</tr>
<tr>
<td>Elective</td>
<td>1</td>
</tr>
<tr>
<td>Elective</td>
<td>1</td>
</tr>
<tr>
<td>Approaches core</td>
<td>1</td>
</tr>
<tr>
<td>Elective</td>
<td>1</td>
</tr>
<tr>
<td>Physic 121/111</td>
<td>1</td>
</tr>
<tr>
<td>Elective</td>
<td>1</td>
</tr>
<tr>
<td>Elective</td>
<td>1</td>
</tr>
</tbody>
</table>

UPS requires a total of 32 units to graduate.

1. Math may be delayed for a year or two, but Chemistry should be taken in the first year.
2. Two additional units in Biology are required, one of which must be at the 300-400 level. Biol 361 may not be used.
3. Recommended that Biol 212 be taken before 311.
4. Students with an interest in evolutionary, environmental or ecological applications should strongly consider Biol 112 or 360 as their electives. Biol 112 may be taken during the freshman year and is strongly encouraged.
5. Of the three units of upper division coursework required outside the first major, the Connections course will count for one unless it is used to meet a major requirement.