Recommended Coursework Strategy for B.S. in Ecology - 4 year plan

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall</td>
<td>Spring</td>
<td>Fall</td>
<td>Spring</td>
</tr>
<tr>
<td>Biol 240 Gen Biology II (5)</td>
<td>Chem 120 Gen Org Chem (3)</td>
<td>Biol 355 Genetics (3)</td>
<td>Biol 337 Evolution (3)</td>
</tr>
<tr>
<td>Biol 458 Biometry (4)</td>
<td>Biol 525 Plant Physiology (3)</td>
<td>Biol 630 Animal Physiology (3)</td>
<td>Elective I***</td>
</tr>
<tr>
<td>Elective II***</td>
<td>Elective III***</td>
<td>Elective IV***</td>
<td>Elective II***</td>
</tr>
</tbody>
</table>

*Lower Division Requirement includes 16 – 17 units selected from
  - MATH 226 Calculus I (4)
  - MATH 227 Calculus II (4)
  - PHYS 111/112 General Physics I/Laboratory (3/1)
  - PHYS 121/122 General Physics II/Laboratory (3/1)
  - CHEM 215/216 General Chemistry II (3/2) Prereq: C or better in CHEM 115 and C- or better in 2 of the following courses:
    - PHYS 111, PHYS 121; PHYS 220, PHYS 230, or PHYS 240; MATH 226, MATH 227

**Ecology Upper Division Requirement includes 6 – 8 units selected from
  - BIOL 482 Ecology (4)
  - BIOL 529 Plant Ecology (4)
  - BIOL 530 Conservation Biology
  - BIOL 532 Restoration Ecology
  - BIOL 534 Wetland Ecology (4)
  - BIOL 577 Ecological and Environmental Modeling (4)
  - BIOL 580 Limnology
  - BIOL 582 Biological Oceanography
  - BIOL 585 Marine Ecology
  - BIOL 586 Marine Ecology Laboratory (2)

***Upper Division Requirement of 11 – 14 Elective units: obtain approval from major advisor before taking elective classes.

Elective courses include courses from the alternates not used in fulfilling the requirements listed above, or any other upper division biology courses not specifically excluded for major credit, or any graduate course in biology.

This is a RECOMMENDATION only. It is designed so that two majors science classes are taken each semester (except in Year 4). It is certainly possible to take three science courses, if you can manage your time appropriately. Check the prerequisites of courses to see if you can take a course earlier in this scheme. Also, note that there is flexibility in the lower division requirements so that it is possible to schedule physics or calculus during the 3rd or 4th year—consult major advisor to customize this course plan.

Updated 8/09/06