### Recommended Coursework Strategy for B.A. in General Biology: 4 – year plan

**MEET WITH YOUR GENERAL BIOLOGY MAJOR ADVISOR EVERY SEMESTER!**

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
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<tbody>
<tr>
<td>Fall</td>
<td>Spring</td>
<td>Fall</td>
<td>Spring</td>
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<tr>
<td>Math 226 Calculus I (4)</td>
<td>Phys 121/122 Phys II+lab (3/1)</td>
<td>Chem 215 Gen Chem II (3)</td>
<td>Chem 130 General Org Chem (3)</td>
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<td>Phys 111/112 Phys I+lab (3/1)</td>
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#### Ecology options
- BIOL 482 Ecology 4
- BIOL 529 Plant Ecology 4
- BIOL 532 Restoration Ecology
- BIOL 534 Wetland Ecology 4
- BIOL 580 Limnology 3
- BIOL 582 Biological Oceanography
- BIOL 585/586 Marine Ecology & Laboratory (3/2)

#### Physiology options
- BIOL 442 Microbial Physiology
- BIOL 525 Plant Physiology
- BIOL 612 Human Physiology
- BIOL 630 Animal Physiology

#### Cell Biology options
- BIOL 350 Cell Biology
- BIOL 401 General Microbiology
- BIOL 435 Immunology
- BIOL 453 General Parasitology
- BIOL 524 Plant Molecular Biology
- CHEM 349 General Biochemistry

**Cell or Physiology laboratory (2 – 4 units)**

4 – 8 units of Upper Division Electives selected in Consultation with an advisor

Updated 5/16/12, for SFSU Department of Biology
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Note: Students planning to earn a teaching credential must take an evolution course and an organismal biology course. In addition, they must complete geosciences breadth requirements.

This strategy is a RECOMMENDATION only. It is designed to schedule two majors science classes at most each semester (except in Year 3). For example, if you plan to take Math 124 to satisfy the 2nd semester Math requirement, you can take it during year 1 or year 2.