Biological Sciences Major Long-Range Planning Form

Consult the Biological Sciences section in Courses of Study for complete details regarding the major and for courses satisfying requirements. Also consult college sections in Courses of Study for information on college requirements for graduation.

AP credit for biology does not count toward the major

**Foundation Requirements**

1. BIOMG 1350-Principles of Cell and Developmental Biology
2. BIOG 1440- Introduction to Comparative Physiology or BIOG 1445-Introduction to Comparative Anatomy and Physiology, Individualized Instruction
3. BIOEE 1610-Ecology and the Environment or BIOSM 1610-Ecology and the Marine Environment

**Concentration in Biological Sciences:**

**Concentration:**

**Courses:**
(13-15 credits in concentration within Biological Sciences)

**Investigative Lab:**
BIOG 1500 or BIOSM 1500

**General Chemistry:**
CHEM 2070-2080 or 2150

**Mathematics:**
Calculus 1 + 2nd math course

**Organic Chemistry:**
CHEM 1570 or 3530 or 3570-3580 or 3590-3600

**Physics:**
PHYS 1101-1102 or 2207-2208 or 1112-2213

**Biochemistry:**
BIOMG 3300 or 3310-3320 or 3330 (summer only) or 3350

**Genetics Lecture:**
BIOMG 2800

**Genetics lab:**
BIOMG 2801

**Evolutionary Bio:**
BIOEE 1780 or BIOSM 1780 or BIOEE 1781

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Year</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2nd Year</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3rd Year</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4th year</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>