# Biology Program Worksheet

<table>
<thead>
<tr>
<th>First Year</th>
<th>Second Year</th>
<th>Third Year</th>
<th>Fourth Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 112 ____</td>
<td><em>Biology Fundamentals Courses:</em></td>
<td><strong>Life Science Selections [20cr]</strong></td>
<td><strong>Electives [18 to 20cr]</strong></td>
</tr>
<tr>
<td>BIOL 140 ____</td>
<td>BIOL 200 ____</td>
<td>BIOL 300 ____</td>
<td>____________</td>
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<tr>
<td>BIOL 121 ____</td>
<td>BIOL 230 ____</td>
<td>BIOL 336 ____</td>
<td>____________</td>
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<tr>
<td>CHEM 111/121 or CHEM 120 &amp; 115 ____</td>
<td>BIOL 260 ____</td>
<td>____________</td>
<td>____________</td>
</tr>
<tr>
<td>CHEM 113/123 or CHEM 130 &amp; 135 ____</td>
<td>BIOL 233 ____</td>
<td>____________</td>
<td>____________</td>
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<tr>
<td>BIOL 234 ____</td>
<td>or BIOL 234 ____</td>
<td>____________</td>
<td>____________</td>
</tr>
</tbody>
</table>

### One of:
- PHYS 101, 106, 107, 117, 131 ____
- One of:
  - MATH 100, 102, 104, 120, 180, or 184 ____
  - One of:
    - MATH 101, 103, 105, or 121 ____

### CHEM 111/121 or CHEM 120 & 115 ____
- One of:
  - CPSC 100, 103, 110, 301 or DSCI 100 ____
- One of:
  - CHEM 233 ____
  - CHEM 235 ____
  - or CHEM 203 ____
  - or CHEM 223 ____
  - or CHEM 225 ____

### One of:
- CHEM 113/123 or CHEM 130 & 135 ____
- CHEM 233 ____
- CHEM 235 ____
- or CHEM 203 ____
- or CHEM 223 ____

### Arts Electives [12cr]
- ____________
- ____________
- ____________
- ____________

### Communication Requirement 6cr of WRDS 150; SCIE 113; any of ENGL 100, 110, 111, 112, 120, or 121; SCIE 300 or CHEM 300; APSC 176; LFS 150; FRST 150, Arts One; ASTU 100, 101:
- ____________
- ____________

### Note:
- Life Science Selections do not include BIOL 300 and 336. Four credits of Biology lab selections are required; additional credits from Biology Lab Selections may count as Life Science Selections [i.e., BIOL 351 (4cr) = 2cr Biology Lab Selections & 2cr Life Science Selections].

**Minimum Total Credits = 120**

* One Organismal and/or one Fundamentals course and CHEM 235 can be deferred to third year.

** **Biology Laboratory Selections 2 of:**

***Life Science Selection – 20 credits (at least 12 credits must be BIOL or MRNE or ENVR 430):***
**Note:** Life Science Selections do not include BIOL 300 and 336. Four credits of Biology lab selections are required; additional credits from Biology Lab Selections may count as Life Science Selections [i.e., BIOL 351 (4cr) = 2cr Biology Lab Selections & 2cr Life Science Selections].

**Faculty of Science Elective Requirements (May be any level if the upper-level requirement of 48 upper-level credits including at least 30 credits from the Faculty of Science is satisfied. Also, up to 18 credits of course work in a faculty other than Science or Arts may be taken for credit.)**
- **Arts Electives - 12 credits** from the Faculty of Arts.
- **Electives** – May be from any faculty.