# Biology Program Worksheet

## First Year

<table>
<thead>
<tr>
<th>Course</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 112</td>
<td></td>
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<tr>
<td>BIOL 121</td>
<td></td>
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<tr>
<td>BIOL 140 or 180</td>
<td></td>
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<tr>
<td>One of CHEM 121, 111, 141 or CHEM 120 &amp; 115</td>
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<tr>
<td>CHEM 123 or CHEM 130 &amp; 135</td>
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</tr>
</tbody>
</table>

*One of:* PHYS 101, 106, 107, 117, 131

*One of:* CPSC 100, 103, 110, 301 or DSCI 100

*One of:* MATH 100, 102, 104, 110, 120, 180, or 184

## Second Year

**Biology Fundamentals Courses:**

* BIOL 200
* BIOL 230
* BIOL 260
* BIOL 234

**Organismal Courses:**

* Two from:
  - BIOL 203
  - BIOL 204
  - BIOL 205
  - BIOL 209
  - BIOL 210
  - MICB 211

*One of:*

- CHEM 233
- CHEM 235
- or
- CHEM 203
- or
- CHEM 223
- or
- CHEM 225

## Third Year

### Life Science Selections [20cr]

- BIOL 300
- BIOL 336

### Biology Lab Selections

Two from list:

## Fourth Year

**Electives [18 to 20cr]**

- _____________
- _____________
- _____________
- _____________

Minimum Total Credits = 120

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

**Biological Laboratory Selections 2 of:**


NOTE: MRNE courses may be taken with permission of a biology advisor.

***Life Science Selections – 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.