# Program Worksheet - Biology and Oceanography

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<th>First Year</th>
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<th>Minimum Total credits = 120cr</th>
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<tbody>
<tr>
<td>BIOL 112 ____</td>
<td>Biology Fundamentals Courses: BIOL 200 ____</td>
<td>BIOL 300 ____</td>
<td>BIOL 402 ____</td>
<td>BIOL 140 (2cr)</td>
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<tr>
<td>BIOL 121 ____</td>
<td>BIOL 230 ____</td>
<td>BIOL 336 ____</td>
<td>EOSC 470 ____</td>
<td>18 credits from the Faculty of Arts, includes first year English courses.</td>
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<tr>
<td>CHEM 111/121 ____</td>
<td>BIOL 260 ____</td>
<td>BIOL 351 ____</td>
<td>EOSC 472 ____</td>
<td><strong>Electives – May be from any faculty.</strong></td>
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<tr>
<td>CHEM 123 ____</td>
<td>BIOL 233 ____</td>
<td>Two from: BIOL 340 ____</td>
<td>Arts Electives [12cr]</td>
<td>For advising contact Shona Ellis – <a href="mailto:shona@mail.ubc.ca">shona@mail.ubc.ca</a> (Biology) or Maite Maldonado – <a href="mailto:mmaldonado@eos.ubc.ca">mmaldonado@eos.ubc.ca</a> (Earth and Ocean Sciences).</td>
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<tr>
<td>PHYS 101, 107 or 117 ____</td>
<td>Or BIOL 234 ____</td>
<td>BIOL 341 ____</td>
<td>One of EOSC 475 or 478 ____</td>
<td>1 Recommend electives are EOSC 111 (1cr) or BIOL 140 (2cr)</td>
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<tr>
<td>MATH 100, 102, 104, 120, 180, or 184 ____</td>
<td>Organismal Courses: One from BIOL 203 ____</td>
<td>EOSC 372 ____</td>
<td>One of EOSC 475 or 478 ____</td>
<td><strong>Faculty of Science Elective Requirements</strong> (May be any level as long as 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.)</td>
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<td>MATH 101, 103, 105, or 121 ____</td>
<td>BIOL 204 ____</td>
<td>EOSC 373 ____</td>
<td>One of EOSC 448 or 473 ____</td>
<td>- Arts Electives - 18 credits from the Faculty of Arts.</td>
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