## Program Worksheet: Honours Biology and Oceanography

<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>BIOL 200</td>
<td>BIOL 300</td>
<td>BIOL 402</td>
</tr>
<tr>
<td>BIOL 121</td>
<td>BIOL 230</td>
<td>BIOL 336</td>
<td>EOSC 449 or</td>
</tr>
<tr>
<td>BIOL 140</td>
<td>BIOL 233/234</td>
<td>BIOL 351</td>
<td>BIOL 449²</td>
</tr>
<tr>
<td>PHYS 1xx³</td>
<td>BIOL 260</td>
<td></td>
<td>**EOSC 3xx or</td>
</tr>
<tr>
<td>Electives [2cr]</td>
<td></td>
<td></td>
<td>4xx [6cr]</td>
</tr>
<tr>
<td>One of:</td>
<td>Organismal Courses:</td>
<td>Two from:</td>
<td>Arts [12cr]</td>
</tr>
<tr>
<td>EOSC 110</td>
<td>One from:</td>
<td>BIOL 340</td>
<td>Upper level science Electives [6]</td>
</tr>
<tr>
<td>EOSC 112</td>
<td>BIOL 203</td>
<td>BIOL 341</td>
<td></td>
</tr>
<tr>
<td>EOSC 114</td>
<td>BIOL 204</td>
<td>BIOL 341</td>
<td></td>
</tr>
<tr>
<td>EOSC 116</td>
<td>BIOL 205</td>
<td>BIOL 363</td>
<td></td>
</tr>
<tr>
<td>MATH 100, 102, 104, 110, 120, 180, or 184</td>
<td>CHEM 233</td>
<td>EOSC 340</td>
<td></td>
</tr>
<tr>
<td>MATH 101, 103, 105, or 121</td>
<td>CHEM 235</td>
<td>EOSC 372</td>
<td></td>
</tr>
<tr>
<td>CHEM 111/121</td>
<td></td>
<td>EOSC 373</td>
<td></td>
</tr>
<tr>
<td>CHEM 123</td>
<td></td>
<td>EOSC 470</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>EOSC 473</td>
<td></td>
</tr>
<tr>
<td>Communication Requirement 6cr of ENGL 100, 110, 111, 112, 120, 121 or SCIE 113:</td>
<td>ENGL ______</td>
<td>and ENGL or SCIE 113</td>
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<tr>
<td>Electives [2cr]</td>
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<tr>
<td>33cr</td>
<td>33cr</td>
<td>66cr</td>
<td>132cr</td>
</tr>
</tbody>
</table>

1 Chosen from 100 level PHYS courses, excluding PHYS 100. Students without Physics 12 must take PHYS 100 before any other 100 level PHYS course.

2If BIOL 449 is taken, an additional 6 credits of EOSC courses must be chosen as part of the upper-level science electives.

**Faculty of Science Elective Requirements** *(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.) Arts Electives – 12 credits from the Faculty of Arts Electives – May be from any faculty.

For advising contact Shona Ellis – shona@mail.ubc.ca (Biology) or Maite Maldonado – mmaldonado@eos.ubc.ca (Earth and Ocean Sciences).