

# BIOLOGY PROGRAM WORKSHEET 2008-09

## COMBINED HONOURS: OCEANOGRAPHY & BIOLOGY

### First & Second Year:

First Year (35 to 37 credits)	<input type="checkbox"/> BIOL 112  <input type="checkbox"/> BIOL 121 & 140	<input type="checkbox"/> <b>CHEMISTRY 121 and 123 Or CHEM 111 and 113 (6 credits)</b>	<input type="checkbox"/> PHYS 101 or 107 <input type="checkbox"/> EOSC 110, 112, 114, or 116 <input type="checkbox"/> EOSC 111	<b>Two of MATH:</b> <input type="checkbox"/> 100, 102, 104, 120, 180, or 184 <input type="checkbox"/> 101, 103, 105, 121	<input type="checkbox"/> ENGL (6 credits of 100 level English)  - ENGL 112 recommended
Second Year (37 credits)	<input type="checkbox"/> BIOL 200  <input type="checkbox"/> BIOL 201	<input type="checkbox"/> EOSC 211 <input type="checkbox"/> EOSC 212 <input type="checkbox"/> EOSC 222	<input type="checkbox"/> CHEM 233 <input type="checkbox"/> CHEM 235	<input type="checkbox"/> Science Elective (6)  <input type="checkbox"/> Science Elective (6)	<input type="checkbox"/> Science Elective (3)  <input type="checkbox"/> Arts Elective (3)

### Registration Notes for 1<sup>st</sup> & 2<sup>nd</sup> year Biology:

- BIOL 112, 121, and 140 are prerequisites to the Major or Honours program options in the Biology Program. Students who have completed Biology 12 may enter into these courses directly. Students with Biology 11 may enter BIOL 112 if they have Chemistry 12. BIOL 112 is acceptable as the sole prerequisite for BIOL 121. Students without high school biology must take BIOL 111 before registering in BIOL 112, 121, and 140.
- Students without Physics 12 must replace elective with PHYS 100 (prior to PHYS 101).
- CHEM 203 and 204 are also acceptable instead of CHEM 233/235
- Science Electives
  - Choose 6 credits from BIOL 204, 205, 209, 210, and MICB 202
  - The other 9 credits can be BIOL 204, 205, 209, 210, MICB 202, CHEM 201, 202, 205, MATH 200 and 317.
  - MATH 200 is recommended

### Third & Fourth Year:

Third Year (36 credits)	<input type="checkbox"/> EOSC 370  <input type="checkbox"/> EOSC 371	<input type="checkbox"/> BIOL 334  <input type="checkbox"/> BIOL 335 or 336	<input type="checkbox"/> BIOL 302  <input type="checkbox"/> BIOL 303	<input type="checkbox"/> BIOL 300  <input type="checkbox"/> EOSC Elective (3 credits)	<input type="checkbox"/> Arts Electives (6 credits)	<input type="checkbox"/> BIOL Electives - 300 level or higher (6 credits)
Fourth Year (30 credits)	<input type="checkbox"/> EOSC 470  <input type="checkbox"/> EOSC 472	<input type="checkbox"/> EOSC 473  <input type="checkbox"/> Arts Elective (3 credits)	<input type="checkbox"/> Science Upper Level Elective (0 to 6 credits)	<input type="checkbox"/> Science Elective (6 credits)	<input type="checkbox"/> EOSC Upper Level Elective (0 to 6 credits) - Need to do if you take BIOL 449	<input type="checkbox"/> BIOL 449 or EOSC 449 (6 credits)

### Registration Notes for 3<sup>rd</sup> & 4<sup>th</sup> year Biology:

- Science Electives – Additional EOSC and Oceanography courses may be taken as science electives or BIOL 447 if planning on taking BIOL 449, but if BIOL 449 is taken an additional 6 credits of upper level EOSC courses are required as part of the upper level science electives.
- BIOL 449 – Submit BIOL 449 Honours Thesis Applications to the Biology Office.

For further information please see the Biology Program website <http://www.biology.ubc.ca>  
or Visit the Biology Program Office Rm. 2521!!!