

BIOLOGY PROGRAM WORKSHEET 2009-10

MARINE BIOLOGY: HONOURS

First & Second Year:

First Year
(34 credits)

☐ BIOL 112 ☐ BIOL 121 & 140	☐ CHEM 121 & 123 or ☐ CHEM 111 & 113	☐ PHYS 101 or 121 ☐ Elective (3 credits)	<u>Two of MATH:</u> ☐ 100, 102, 104, 120, 180 or 184 ☐ 101, 103, 105, 121	☐ ENGL (6 credits) of 100 level English -ENGL 112 recommended
☐ BIOL 200 ☐ BIOL 201	☐ BIOL 205 ☐ BIOL209	☐ CHEM 233 ☐ CHEM 235 ☐ CHEM 205	☐ Electives (6 credits)	☐ Arts Electives (6 credits)

Registration Notes for 1st & 2nd year Biology:

1. 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 any of these courses directly. Students with Biology 11 may enter BIOL 112 if they have Chemistry 12; BIOL 112 is acceptable as prerequisite for BIOL 121. Students without high school biology must take BIOL 111 before registering in BIOL 112, 121, and 140.
2. Students without Physics 12 must replace elective with PHYS 100 (prior to PHYS 101).
3. Three credits of first-year English courses may be deferred to second year.

Third & Fourth Year:

Third Year
(37 credits)

☐ BIOL 361/363/364 or BIOL 351/352	☐ BIOL 334 ☐ BIOL 335 or 336	☐ BIOL 300 ☐ BIOL 320	☐ BIOL 304 ☐ BIOL 306	☐ Arts Electives (6 credits)	☐ Elective (3) -BIOL 347 recommended ☐ MRNE Elective (3)
☐ Marine Biology Electives 300 level or higher (6 Credits)	☐ Marine Biology Electives 300 level or higher (6 Credits)	☐ Marine Biology Electives 300 level or higher (6 Credits)	☐ BIOL 326 (3) ☐ Elective (3)	☐ Elective (3) ☐ BIOL 447	☐ BIOL 449 (6 credits)

Registration Notes for 3rd & 4th year Biology:

1. Students **must take** their physiology course sequence (BIOL 361/363/364 or 351/352) **in third year**. If other constraints require that you take this course in 4th year you need the permission of your program advisor and let the Biology Office know.
2. Program Electives ~ See list on reverse side
 - 3 credits of Marine Biology Electives must be taken at the Bamfield Marine Station (MRNE courses). This requirement is usually fulfilled during the summer before 4th year.
3. **Electives** – May be from any faculty and any level as long as the upper level requirement of 48 upper level credits is satisfied.
4. BIOL 449 – Submit BIOL 449 Honours Thesis Applications to the Biology Office.

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