



11-Month Secondary Option – BIOLOGICAL SCIENCES

Pre-Admission Academic Self-Assessment Worksheet

Name \_\_\_\_\_  
Surname Given Name UBC Student Number (if available)

Course Requirements (At UBC: one full year course = 6 UBC credits, one half-year course = 3 credits)	Sample UBC courses (Equivalent courses completed at other accredited institutions are also acceptable)	Courses Completed	Courses in Progress
1) <b>6 credits of English literature and composition</b> 6 credits of English literature is acceptable, or the combination of 3 credits of composition and 3 credits of literature.	ENGL 110 and 112, 2xx - 6xx  English grammar, linguistics, creative writing, technical or business writing or communication courses <b>will not</b> fulfill this requirement.		
2) <b>Introductory courses in each of the following:</b> a. 6 credits chemistry, at least 3 credits (one course) which has a lab component b. 6 credits mathematics c. 6 credits physics, at least 3 credits (one course) which has a lab component d. 3 credits earth science/geology/astronomy preferably with lab component <b>(See Note 1)</b>	a. CHEM 121 & 123 or 111, 113 etc. b. MATH 101, 101, 102, 103 etc. c. PHYS 101, 107, 108 etc. d. EOSC 110 + 111 etc.		
3) <b>30 credits of biology coursework, 18 credits</b> of which must be <b>senior level (3xx-6xx)</b>	BIOL 1xx – 6xx  Please note BIOL 344, 345 or 346 (or equivalent offered by other universities) are not accepted towards these requirements.		

**Breadth of coverage for Biology Education**

Applicants must complete courses in a **minimum of 4 areas** listed below. Courses in the following areas may be completed at second, third and/or fourth year level. No introductory biology courses except BIOL 112 are accepted to satisfy the areas described below.

- a. Ecology
- b. Genetics
- c. Human physiology
- d. Evolutionary biology
- e. Invertebrate and vertebrate zoology
- f. Non-vascular and vascular plant biology
- g. Microbiology

**Admission Average Calculation**

A minimum average of 65% (2.5 on a 4 point scale) is required to be eligible for admission consideration. Calculated on 18 senior level credits of biology coursework used to meet our requirements in 3) above.

**Notes:**

1. An applicant without earth science/geology/astronomy can be considered for admission to biological sciences. If the applicant is admitted, he/she will be required to complete an education course, which will assist him/her in teaching earth science in secondary schools, as part of his/her program.
2. An applicant with a degree in **biochemistry, microbiology, forestry, physiology, pharmacology**, etc. would not qualify for admission to biological sciences unless he/she completes some additional biology courses in a minimum of 4 of the areas specified above in the Breadth of Coverage section.
3. A **French Immersion** option for teaching biology in the French language is available. In addition to meeting the biology course requirements above, applicants need to meet the language proficiency requirement (DEFL or DALF <http://led.educ.ubc.ca/programs/frappraisal/>) and have to complete 9 credits of French coursework at the 200 – 400 level: French composition (3 credits) and French literature (3 credits)
4. Detailed UBC course information can be found at <http://students.ubc.ca/courses>.