



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 of Acceptable UBC courses	Courses Completed	Courses in Progress
1) 6 credits of English literature and composition 6 credits of English literature is acceptable, or the combination of 3 credits of composition and 3 credits of literature.	ENGL 110 (literature) and WRDS 150 (composition), ENGL 2xx - 6xx English grammar, linguistics, creative writing, technical or business writing or communication courses will not fulfill this requirement.		
2) Introductory courses in each of the following: 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 (See Note 1) e. 3 credits plant science (See Note 2)	a. CHEM 121 & 123 or 111, 113 etc. b. MATH 100, 101, 102, 103 etc. c. PHYS 101, 117, 118 & 119 etc. d. EOSC 110 + 111 etc. e. BIOL 343 etc.		
3) 30 credits of biology coursework, 18 credits of which must be senior level (3xx-6xx)	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 without plant science 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 plant science in secondary schools, as part of his/her program.
3. 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.
4. 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 (DELF or DALF <http://teach.educ.ubc.ca/admissions/apply/language-proficiency-assessments/delf-dalf/>) and complete 6 credits (total) of French coursework at the 200 – 400 level comprised of 3 credits French composition and 3 credits French literature
5. Detailed UBC course information can be found at <http://students.ubc.ca/courses>.



Approved UBC BSc Conservation and BSc Forestry courses for Biological Sciences breadth of coverage (updated 19 November 2018)

Topic Area:	Courses:
a. Ecology	FRST 200, 201, 210, 211 FRST 305, 444 CONS 451 = 6 cr BIOL
b. Genetics	FRST 302 CONS 302
c. Human Physiology	n/a
d. Evolutionary Biology	CONS 330 FRST 495
e. Invertebrate/Vertebrate Zoology	FRST 307, 308, 309, 386, 395, 408 CONS 486
f. Vascular & Non-Vascular Plants	FRST 200, 201, 210, 211 FRST 305
g. Microbiology	FRST 413
h. Botany	FRST 311
Biology equivalency	FRST 231 (3) = BIOL 300 CONS 451 = BIOL (6) cr