11 Month Secondary Option – Science Education: BIOLOGICAL SCIENCES
The University of British Columbia
Faculty of Education
Pre-Admission Academic Self-Assessment Worksheet

Name _____
Surname Given Name Initial

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) 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 and 112, 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)**	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) **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 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 (FLA or DALF http://lled.educ.ubc.ca/programs/frappraisal/ and have to complete 9 credits of French coursework at the 200 – 400 level: French composition (3 credits), French grammar (3 credits), and French literature (3 credits)

4. Detailed UBC course information can be found at http://students.ubc.ca/courses.