11 Month Secondary Option – Science Education: EARTH SCIENCE
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 biology (**see Note 1**) b. 6 credits mathematics c. 6 credits physics, at least 3 credits (one course) which has a lab component d. 6 credits chemistry, at least 3 credits (one course) which has a lab component	a. BIOL 111 + 140 or 121 + 140 etc. b. MATH 101, 101, 102, 103 etc. c. PHYS 101, 107, 108 etc. d. CHEM 121 & 123, 111, 113 etc.		
3) 30 credits of earth science/geology coursework, 18 credits of which must be **senior level (3xx-6xx)**	EOSC 1xx – 6xx The Faculty would not normally accept UBC (or equivalent) EOSC 310, 311, 312, 314, 315 or 326 as senior level earth science. However, when an applicant has completed 12 credits of earth science (not ocean science) at third/fourth year level, a maximum of 6 credits from EOSC 310, 311, 312, 314, 315 or 326 may be used.		

Breadth of coverage for Earth Science Education

Earth Science/Geology courses **must include mineralogy and petrology**. 18 credits must be completed in earth science/geology, however 12 of the total 30 credits may include geophysics, physical geography, atmospheric science and oceanography. Astronomy is strongly recommended.

a. Mineralogy (ie: EOSC 220)
b. Petrology (ie: EOSC 221, 322)
c. Geology (ie: EOSC 320, 323)
d. Geophysics (ie: EOSC 252)
e. Astronomy (ie: ASTR 101, 102)

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 earth science/geology coursework used to meet our requirements in 3) above.

Notes:

1. Applicants without biology may also be considered for admission. Such applicants, if admitted, will be required to complete an education course, which will assist them with teaching biological sciences in secondary schools, as part of their program.

2. Degrees in Physical Geography, Oceanography, Environmental Science, etc., do not satisfy admission requirements for Earth Science without the applicant taking additional coursework in Geological Sciences or Geology.

3. A **French Immersion** option for teaching earth science in the French language is available. In addition to meeting the earth science course requirements above, applicants need to meet the language 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.