



11 Month Secondary Option – Science Education: CHEMISTRY
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. 3 credits earth science/geology/astronomy preferably with a lab component (See Note 2)	a. BIOL 111+140 or 121+140, etc. b. MATH 101, 101, 102, 103 etc. c. PHYS 101, 107, 108 etc. d. EOSC 110 + 111 etc.		
3) 30 credits of chemistry coursework, 18 credits of which must be senior level (3xx-6xx)	CHEM 1xx – 6xx		

Breadth of coverage for Chemistry Education

Applicants must complete at least one course each in **at least two areas** from organic, inorganic, physical and analytical chemistry. These courses can be at the second, third, fourth or graduate year level.

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 chemistry coursework used to meet our requirements in 3) above.

Notes:

- Applicants without biology will also be considered for admission. Such applicants, if admitted, will be required to complete an education course, which will assist them in teaching biology in secondary schools, as part of their program.
- Applicants without earth science/geology/astronomy will also be considered for admission. Such applicants, if admitted, will be required to complete an education course, which will assist them in teaching earth science in secondary schools, as part of their program.
- Biochemistry degrees may also be accepted provided that **an applicant has completed at least four courses (minimum 12 credits) of chemistry at second year level and at least four courses (minimum 12 credits) of chemistry at third/fourth year level.** These courses must cover at least two and preferably three areas specified above. **Biochemistry courses only** do not satisfy admission requirements for chemistry.
- A **French Immersion** option for teaching chemistry in the French language is available. In addition to meeting the chemistry course requirements above, applicants need to meet the language proficiency requirement <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), French grammar (3 credits), and French literature (3 credits)
- Detailed UBC course information can be found at <http://students.ubc.ca/courses>.