



VANCOUVER ISLAND  
UNIVERSITY

Bachelor of Science, Minor in Chemistry, Minor in Geography  
Program Grid

**Note:** This program grid is provided for guidance only. Degree completion is based on courses completed successfully and is subject to all applicable requirements and procedures in effect. Students should consult the B.Sc. Degree Advisor to confirm program requirements for their chosen degree.

Course Number	Course Name	Credits	Upper-Level Credits	Notes
English 1	100-level English I	3		1
English 2	100-level English II	3		1
MATH 121	Calculus I	3		
MATH 122	Calculus II	3		
Science 100-299	Lower-Level Science Elective	4		2
CHEM 140	Chemistry Fundamentals I	4		
CHEM 141 or 142	Chemistry Fundamentals II	4		
CHEM 200-299	200-Level Chemistry Elective I	3		3
CHEM 200-299	200-Level Chemistry Elective II	3		3
CHEM 200-299	200-Level Chemistry Elective III	3		3
CHEM 200-299	200-Level Chemistry Elective IV	3		3
CHEM 300-499	Upper-Level Chemistry Elective I	3	3	4
CHEM 300-499	Upper-Level Chemistry Elective II	3	3	4
CHEM 300-499	Upper-Level Chemistry Elective III	3	3	4
CHEM 300-499	Upper-Level Chemistry Elective IV	3	3	4
CHEM 300-499	Upper-Level Chemistry Elective V	3	3	4
CHEM 300-499	Upper-Level Chemistry Elective VI	3	3	4
GEOG 101	Environmental Geography	3		5
GEOG 211	Atmospheric Environments	3		
GEOG 212	Earth Environments	3		
GEOG 226 or 228	200-Level Geography Option	3		
MATH 211	Statistics I	3		
GEOG 322	Geographic Communication	3	3	5
GEOG 328	Geographic Information Systems	3	3	
GEOG 372, 373, 374 or 376	Upper-Level Geography Option I	3	3	6
GEOG 372, 373, 374 or 376	Upper-Level Geography Option II	3	3	6
GEOG 372, 373, 374 or 376	Upper-Level Geography Option III	3	3	6
GEOG 300-499	Upper-Level Geography Elective	3	3	7
Elective 300-499	Upper-Level Elective I	3	3	8
Elective 300-499	Upper-Level Elective II	3	3	8
Elective 100-499	General Elective I	3		9
Elective 100-499	General Elective II	3		9
Elective 100-499	General Elective III	3		9
Elective 100-499	General Elective IV	3		9
Elective 100-499	General Elective V	3		9
Elective 100-499	General Elective VI	3		9
Elective 100-499	General Elective VII	3		9
Elective 100-499	General Elective VIII	3		9
Elective 100-499	General Elective IX	3		9
Elective 100-499	General Elective X	3		9
<b>TOTAL:</b>		<b>123</b>	<b>42</b>	

See notes on the next page /...

## NOTES:

1. The Degree English Requirement can be met as follows:
  - Two of ENGL 115, 125, 135, 204, or INTR 100; or,
  - LBST 111 and 112.
2. Lower-Level Science Electives can be courses numbered 100-299 in any science discipline, except CHEM and GEOG courses. These courses are required to satisfy the Lower-Level Sciences Requirement of the Bachelor of Science degree. Options of science disciplines include:
  - AQUA, ASTR, BIOL, CSCI, ENGC, ENGE, ENGM, ENGR, FISH, FRST, GEOL, MATH, PHYS, RMOT and QUME.
3. The 200-Level Chemistry Electives can be any CHEM course numbered 200-299 or BIOL 201.
  - Note: Students should check upper-level course prerequisites to guide selection of the 200-Level Chemistry Electives.
4. Upper-Level Chemistry Electives can be any CHEM course numbered 300-499.
5. GEOG 101 and GEOG 322 can be used to meet the Non-Science Elective Requirement for the Bachelor of Science.
6. For the Upper-Level Geography Option, three courses must be chosen among GEOG 372, 373, 374 or 376.
7. The Upper-Level Geography Elective can be any GEOG course numbered 300-499.
8. Upper-Level Electives can be courses in any discipline numbered 300-499.
9. General Electives can be courses in any discipline numbered 100-499.