



VANCOUVER ISLAND  
UNIVERSITY

Bachelor of Science, Minor in Biology, 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	3		1
English 2	100-level English	3		1
MATH 121	Calculus I	4		
MATH 122	Calculus II	4		
BIOL 121A and 121L	Introductory Zoology	4		
BIOL 123A and 123L	Intro. Cellular & Molecular Biology	4		
CHEM 140A and 140L	Chemistry Fundamentals I	4		
CHEM 141A or 142A, and 142L	Chemistry Fundamentals II	4		
BIOL 201	Principles of Biochemistry	3		
BIOL 200, 202, 210, 212 or 223	200-Level Biology Option I	3		2
BIOL 200, 202, 210, 212 or 223	200-Level Biology Option II	3		2
CHEM 231	Organic Chemistry I	4		
MATH 203, 211 or 254	Biometrics or Statistics I	3		
BIOL 300-499	Upper-Level Biology Elective I	3	3	3
BIOL 300-499	Upper-Level Biology Elective II	3	3	3
BIOL 300-499	Upper-Level Biology Elective III	3	3	3
BIOL 300-499	Upper-Level Biology Elective IV	3	3	3
BIOL 300-499	Upper-Level Biology Elective V	3	3	3
BIOL 300-499	Upper-Level Biology Elective VI	3	3	3
GEOG 101	Environmental Geography	3		4
GEOG 211	Atmospheric Environments	3		
GEOG 212	Earth Environments	3		
GEOG 228	Maps and Mapping	3		
GEOG 328	Geographic Information Systems	3	3	4
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 I	3	3	7
GEOG 300-499	Upper-Level Geography Elective II	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	2		9
TOTAL:		126	42	

See notes on the next page /...

## NOTES:

1. The Degree English Requirement can be met as follows:
  - Two of ENGL 115 (or 117), 125 (or 127), 135, 204, or an INTR course that includes a ENGL course exemption; or,
  - LBST 111 and 112.
2. The 200-Level Biology Elective can be chosen from BIOL 200, 202, 210, 212 or 223.
  - Note: Students should check upper-level course prerequisites to guide selection of the 200-Level Biology Electives.
3. Upper-Level Biology Electives can be any BIOL course numbered 300-499.
4. GEOG 101 can be applied towards the Non-Science Elective Requirement (6 credits) for the Bachelor of Science degree and therefore 3 more credits (i.e., Non-Science Elective) are required to meet this requirement.
5. For the Upper-Level Geography Option, three courses must be chosen among GEOG 372, 373, 374 or 376.
6. Upper-Level Geography Electives can be any GEOG course numbered 300-499.
7. Upper-Level Electives can be courses in any discipline numbered 300-499.
8. General Electives can be courses in any discipline numbered 100-499.