



VANCOUVER ISLAND
UNIVERSITY

Bachelor of Science, Minor in Geography, Minor in Mathematics
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 100 or 121	Calculus I	3		
MATH 101 or 122	Calculus II	3		
Science 100-299	Lower-Level Science Elective I	4		2
Science 100-299	Lower-Level Science Elective II	4		2
Non-Science 100-499	Non-Science Elective	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	
GEOG 372, 373, 374 or 376	Upper-Level Geography Option I	3	3	5
GEOG 372, 373, 374 or 376	Upper-Level Geography Option II	3	3	5
GEOG 372, 373, 374 or 376	Upper-Level Geography Option III	3	3	5
GEOG 300-499	Upper-Level Geography Elective I	3	3	6
GEOG 300-499	Upper-Level Geography Elective II	3	3	6
MATH 123	Logic and Foundations	3		
MATH 211	Fundamentals of Statistics I	3		
MATH 221	Calculus III	3		
MATH 241	Linear Algebra	3		
MATH 222, 223 or 251	200-Level Mathematics Elective	3		
MATH 300-499	Upper-Level Mathematics Elective I	3	3	7
MATH 300-499	Upper-Level Mathematics Elective II	3	3	7
MATH 300-499	Upper-Level Mathematics Elective III	3	3	7
MATH 300-499	Upper-Level Mathematics Elective IV	3	3	7
MATH 300-499	Upper-Level Mathematics Elective V	3	3	7
MATH 300-499	Upper-Level Mathematics Elective VI	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
TOTAL:		122	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 ENGL course exemption; or,
 - LBST 111 and 112.
2. The Lower-Level Science Elective can be a course numbered 100-299 in any science discipline, except GEOG and MATH 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, CHEM, CSCI, ENGC, ENGE, ENGM, ENGR, FISH, FRST, GEOL, PHYS, RMOT, and QUME.
3. Non-Science Electives can be any courses outside of the Science discipline numbered 100-499. The following courses may not be counted to meet this requirement, although they may be counted as general electives:
 - Any course beginning with the following discipline identifiers: AQUA, ASTR, BIOL, CHEM, CSCI, ENGC, ENGE, ENGM, ENGR, FISH, FRST, GEOL, MATH, PHYS, RMOT, QUME, and SCIE.
 - Anthropology: ANTH 111, 213, 214, 341B, 342, 343, 344, 350, 351, 352, 353, 361, 401, 430, 449, 460.
 - Geography: GEOG 211, 212, 221, 226, 228, 326, 328, 372, 373, 374, 376, 428.
 - Psychology: PSYC 204, 205, 300A, 300B, 301, 302, 305, 315, 316, 318, 319, 323, 324, 345, 365, 400, 415, 419, 445, 490, 491, 498A.
 - Kinesiology: KIN 201, 220, 301, 302, 400, 401.
4. GEOG 101 can be used to meet the Non-Science Elective Requirement for the Bachelor of Science.
5. For the Upper-Level Geography Option, three courses must be chosen among GEOG 372, 373, 374, or 376.
6. The Upper-Level Geography Elective can be any GEOG course numbered 300-499.
7. Upper-Level Mathematics Electives can be any MATH 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.