



VANCOUVER ISLAND  
UNIVERSITY

Bachelor of Science, Minor in Aquaculture, Minor in Chemistry  
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		
Non-Science 100-499	Non-Science Elective I	3		2
Non-Science 100-499	Non-Science Elective II	3		2
AQUA 101	Introduction to Aquaculture	3		
BIOL 121A and 121L, or FISH 123	Intro. Zoology or Concepts in Fish Biology	4		
BIOL 123A and 123L	Intro. Cellular & Molecular Biology	4		
Aquaculture 100-299 Elective	Lower-Level Aquaculture Elective I	3		3
Aquaculture 100-299 Elective	Lower-Level Aquaculture Elective II	3		3
AQUA 300-499	Upper-Level Aquaculture Elective I	3	3	4
AQUA 300-499	Upper-Level Aquaculture Elective II	3	3	4
AQUA 300-499	Upper-Level Aquaculture Elective III	3	3	4
AQUA 300-499	Upper-Level Aquaculture Elective IV	3	3	4
CHEM 140A and 140L	Chemistry Fundamentals I	4		
CHEM 141A or 142A, and 142L	Chemistry Fundamentals II	4		
CHEM 200-299	200-Level Chemistry Elective I	3		5
CHEM 200-299	200-Level Chemistry Elective II	3		5
CHEM 200-299	200-Level Chemistry Elective III	3		5
CHEM 300-499	Upper-Level Chemistry Elective I	3	3	6
CHEM 300-499	Upper-Level Chemistry Elective II	3	3	6
CHEM 300-499	Upper-Level Chemistry Elective III	3	3	6
CHEM 300-499	Upper-Level Chemistry Elective IV	3	3	6
Elective 300-499	Upper-Level Elective I	3	3	7
Elective 300-499	Upper-Level Elective II	3	3	7
Elective 300-499	Upper-Level Elective III	3	3	7
Elective 300-499	Upper-Level Elective IV	3	3	7
Elective 300-499	Upper-Level Elective V	3	3	7
Elective 300-499	Upper-Level Elective VI	3	3	7
Elective 100-499	General Elective I	3		8
Elective 100-499	General Elective II	3		8
Elective 100-499	General Elective III	3		8
Elective 100-499	General Elective IV	3		8
Elective 100-499	General Elective V	3		8
Elective 100-499	General Elective VI	3		8
Elective 100-499	General Elective VII	3		8
Elective 100-499	General Elective VIII	3		8
Elective 100-499	General Elective IX	3		8
Elective 100-499	General Elective X	3		8
<b>TOTAL:</b>		<b>126</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 (or 117), 125 (or 127), 135, 204, or an INTR course that includes a ENGL course exemption; or,
  - LBST 111 and 112.
2. 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, 426, 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.
3. The Lower-Level Aquaculture Electives can be chosen from any of the following: BIOL 212; CHEM 212; FISH 127, 133, 222, 223, 231, 241, 254; INDG 203, 204; or MATH 181, 203, 211.
  - Only one of MATH 181, 203, or MATH 211 may be used to fulfill this credit requirement.
4. Upper-Level Aquaculture Electives can be any AQUA course numbered 300-499.
  - Up to 4 credits can be chosen from the following courses: any upper-level FISH course, GEOG 356, INDG 300, or MGMT 381.
5. The 200-Level Chemistry Electives can be any CHEM course numbered 200-299.
  - Note: Students should check upper-level course prerequisites to guide selection of the 200-Level Chemistry Electives.
6. Upper-Level Chemistry Electives can be any CHEM 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.