



VANCOUVER ISLAND  
UNIVERSITY

Bachelor of Science, Major in Biology, Major in Psychology  
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 Cell. / Molec. Biology	4		
CHEM 140A and 140L	Chemistry Fundamentals I	4		
CHEM 141A or 142A, and 142L	Chemistry Fundamentals II	4		
PHYS 111	Physics for the Life Sciences I	4		
PHYS 112	Physics for the Life Sciences II	4		
BIOL 200	Introduction to Cell Biology	3		
BIOL 201	Principles of Biochemistry	3		
BIOL 202	Ecology	3		
BIOL 210	Microbiology I	4		
BIOL 212	Genetics	3		
BIOL 223	Botany	3		
CHEM 231A and 231L	Organic Chemistry I	4		
CHEM 232A and 232L	Organic Chemistry II	4		
MATH 211 or PSYC 300A	Statistics Course I	3	(3)	2
MATH 203 or PSYC 300B	Statistics Course II	3	(3)	3
BIOL 305	Animal Physiology	3	3	
BIOL 402	Evolution	3	3	
BIOL 403	Current Topics in Biology	3	3	
BIOL 300-499	Upper-Level Biology Elective I	3	3	4
BIOL 300-499	Upper-Level Biology Elective II	3	3	4
BIOL 300-499	Upper-Level Biology Elective III	3	3	4
BIOL 300-499	Upper-Level Biology Elective IV	3	3	4
BIOL 300-499	Upper-Level Biology Elective V	3	3	4
BIOL 300-499	Upper-Level Biology Elective VI	3	3	4
BIOL 300-499	Upper-Level Biology Elective VII	3	3	4
PSYC 111	Contemporary Psychology I	3		5
PSYC 112	Contemporary Psychology II	3		5
PSYC 204	Research Methods	3		
PSYC 205	Introduction to Biopsychology I	3		
PSYC 305	Introduction to Biopsychology II	3	3	
PSYC 315	Intro to Neuropsychology I	3	3	
PSYC 345 or 445	Drugs Behaviour or Neuropharmacology	3	3	
PSYC 300-499	Upper-Level B.Sc. Psyc. Option I	3	3	6
PSYC 300-499	Upper-Level B.Sc. Psyc. Option II	3	3	6
PSYC 300-499	Upper-Level B.Sc. Psyc. Option III	3	3	6
PSYC 300-499	Upper-Level B.Sc. Psyc. Option IV	3	3	6
PSYC 300-499	Upper-Level B.Sc. Psyc. Option V	3	3	6
<b>TOTAL:</b>		<b>137</b>	<b>54</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. Either MATH 211 or PSYC 300A can be used to meet the 1<sup>st</sup> statistics course requirement for both majors. Only one of MATH 211 or PSYC 300A may be taken for credit towards the B.Sc. degree.
3. Either MATH 203 or PSYC 300B can be used to meet the 2<sup>nd</sup> statistics course requirement for both majors.
4. Upper-Level Biology Electives can be any BIOL course numbered 300-499.
  1. Up to 12 credits from following courses may be counted towards this requirement: FISH 322, FISH 324, FRST 328, FRST 351, FRST 352, GEOG 328, GEOG 373, RMOT 306, RMOT 357, RMOT 400, and RMOT 401.
  2. Students have the option to complete a research project in their final year: BIOL 490 (3 credits) or 491 (6 credits). Consult the Chair of the Biology Department.
5. PSYC 111 and PSYC 112 can be used to meet the Non-Science Elective Requirement for the Bachelor of Science.
6. Upper-Level B.Sc. Psychology Option must be chosen from the following B.Sc. Psychology courses: PSYC 307, 313, 318, 323, 324, 326, 345, 365, 400, 415, 419, 445 or 498A.
  1. Students interested in a graduate program should consider completing a Directed Studies courses (PSYC 301, 302, 390, 391) and/or Senior Research Project (PSYC 490, 491) as part of their upper-level electives.
  2. Details of the special registration process for the above courses may be obtained from the Department Chair.