



VANCOUVER ISLAND
UNIVERSITY

Bachelor of Science, Major in Biology, Minor 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. to Cellular and Molecular 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 203 | Biometrics | 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 | 2 |
| BIOL 300-499 | Upper-Level Biology Elective II | 3 | 3 | 2 |
| BIOL 300-499 | Upper-Level Biology Elective III | 3 | 3 | 2 |
| BIOL 300-499 | Upper-Level Biology Elective IV | 3 | 3 | 2 |
| BIOL 300-499 | Upper-Level Biology Elective V | 3 | 3 | 2 |
| BIOL 300-499 | Upper-Level Biology Elective VI | 3 | 3 | 2 |
| BIOL 300-499 | Upper-Level Biology Elective VII | 3 | 3 | 2 |
| PSYC 111 | Contemporary Psychology I | 3 | | 3 |
| PSYC 112 | Contemporary Psychology II | 3 | | 3 |
| PSYC 204 | Research Methods | 3 | | |
| PSYC 205 | Introduction to Biopsychology I | 3 | | |
| PSYC 300-499 B.Sc. Core | Upper-Level Psychology Core Option I | 3 | 3 | 4 |
| PSYC 300-499 B.Sc. Core | Upper-Level Psychology Core Option II | 3 | 3 | 4 |
| PSYC 300-499 B.Sc. Core | Upper-Level Psychology Core Option III | 3 | 3 | 4 |
| PSYC 300-499 | Upper-Level Psychology Elective I | 3 | 3 | 5 |
| Elective 100-499 | General Elective I | 3 | | 6 |
| Elective 100-499 | General Elective II | 3 | | 6 |
| | TOTAL: | 128 | 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. Upper-Level Biology Electives can be any BIOL course numbered 300-499.
 - 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.
 - 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.
3. PSYC 111 and PSYC 112 can be used to meet the Non-Science Elective Requirement for the Bachelor of Science.
4. Upper-Level Psychology Core Option must be chosen from the following B.Sc. Psychology core courses: PSYC 305, 307, 313, 315, 318, 323, 324, 326, 345, 365, 400, 415, 419, 445 or 498A.
5. Upper-Level Psychology Electives can be any PSYC course numbered 300-499.
6. General Electives can be courses in any discipline numbered 100-499.