

## BSc Transfer from Resource Management Officer Technology Diploma

BSc options – you need to complete at least one Major, or two Minors (a Double-Minor) from these science disciplines:

- Aquaculture
- Computer Science
- Geoscience
- Biology
- Earth Science
- Mathematics
- Chemistry
- Geography
- Psychology

### High school prerequisites

- Common Math Requirement to all B.Sc. Major/Minors: **Min. “B” in Pre-calculus 12**
- Other prerequisites depend on the Major/Minor chosen.
  - Biology: Min. “C+” in each of Biology 11 or 12, Chemistry 12, and Physics 11 (Major only).
  - Some seats are available for students with only min. “C+” in Chemistry 11.

### Degree requirements for some BSc transfers

- BSc Major in Biology
  - Requires completion of 31 courses in addition to the RMOT diploma (see page 2).
- BSc Double-Minor in Biology & Geography
  - Requires completion of 27 courses in addition to the RMOT diploma (see page 3).

### Eligibility for Professional Registration

- The VIU BSc Major in Biology meets the academic requirements for Registered Professional Biologist (RPBio) with the College of Applied Biologists of BC (with BIOL 457, RMOT 400, or RMOT 401).
- Other BSc options require completion of specific courses to meet requirements.

### Other Option

- Bachelor of Arts Double-Minor in Biology & Geography.
  - Does not require taking Calculus I and II.
  - Min. “C+” in each of Biology 11 or 12, Chemistry 12, and Pre-calculus 12.
  - Requires completion of 24 courses in addition to the RMOT diploma.

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### Useful websites

- VIU BSc Advising: <https://wordpress.viu.ca/bscadvising/>
- VIU BSc main calendar page: <https://www.viu.ca/programs/science-and-technology/bachelor-science-bsc-honours-majors-minors-and-transfer>
- VIU Adult Basic Education: <https://acp.viu.ca/abe-adult-basic-education>
- College of Applied Biologists of BC: <https://www.cab-bc.org/>
- Engineers and Geoscientists BC (EGBC): <https://www.egbc.ca/>

**Transfer from Resource Management Officer Technology Diploma to BSc Major in Biology  
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. Requirements highlighted in gray have been completed in the Forestry Resources Technology Diploma.

Course Number	Course Name	Credits	Upper-Level Credits
<del>English 1 (ENGL 115)</del>	<del>100-level English</del>	<del>3</del>	
English 2	100-level English	3	
MATH 121	Calculus I	3	
MATH 122	Calculus II	3	
Non-Science 100-499	Non-Science Elective I	3	
Non-Science 100-499	Non-Science Elective II	3	
<del>BIOL 121</del>	<del>Introductory Zoology</del>	<del>4</del>	
BIOL 123	Intro. Cellular & Molecular Biology	4	
CHEM 140	Chemistry Fundamentals I	4	
CHEM 141 or 142	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 I	3	
<del>BIOL 202 (Exempt)</del>	<del>Ecology</del>	<del>3</del>	
BIOL 210	Microbiology I	3	
BIOL 212	Genetics	3	
BIOL 223	Botany	3	
CHEM 231	Organic Chemistry I	3	
CHEM 232	Organic Chemistry II	3	
<del>MATH 203 (MATH 181)</del>	<del>Biometrics</del>	<del>3</del>	
BIOL 305	Animal Physiology	3	3
BIOL 402	Evolution	3	3
BIOL 403	Current Topics in Biology	3	3
BIOL 300-499 Option	Specialization Course I	3	3
BIOL 300-499 Option	Specialization Course II	3	3
BIOL 300-499 Option	Specialization Course III	3	3
BIOL 300-499	Upper-Level Biology Elective I	3	3
BIOL 300-499	Upper-Level Biology Elective II	3	3
BIOL 300-499	Upper-Level Biology Elective III	3	3
BIOL 300-499	Upper-Level Biology Elective IV	3	3
Elective 300-499	Upper-Level Elective I	3	3
Elective 300-499	Upper-Level Elective II	3	3
Elective 300-499	Upper-Level Elective III	3	3
Elective 300-499	Upper-Level Elective IV	3	3
<del>Elective 100-499</del>	<del>General Elective I</del>	<del>3</del>	
<del>Elective 100-499</del>	<del>General Elective II</del>	<del>3</del>	
<del>Elective 100-499</del>	<del>General Elective III</del>	<del>3</del>	
<del>Elective 100-499</del>	<del>General Elective IV</del>	<del>3</del>	
<del>Elective 100-499</del>	<del>General Elective V</del>	<del>3</del>	
TOTAL:		126	42

**Transfer from Resource Management Officer Technology Diploma to BSc Double-Minor in Biology and 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. Requirements highlighted in gray have been completed in the Forestry Resources Technology Diploma.

Course Number	Course Name	Credits	Upper-Level Credits
<del>English 1 (ENGL 115)</del>	<del>100-level English</del>	<del>3</del>	
English 2	100-level English	3	
MATH 121	Calculus I	3	
MATH 122	Calculus II	3	
Non-Science 100-499	Non-Science Elective	3	
<del>BIOL 121</del>	<del>Introductory Zoology</del>	<del>4</del>	
BIOL 123	Intro. Cellular & Molecular Biology	4	
CHEM 140	Chemistry Fundamentals I	4	
CHEM 141 or 142	Chemistry Fundamentals II	4	
BIOL 201	Principles of Biochemistry	3	
<del>BIOL 202 (Exempt)</del>	<del>200-Level Biology Option I</del>	<del>3</del>	
BIOL 200, 210, 212 or 223 2	200-Level Biology Option II	3	
CHEM 231	Organic Chemistry I	3	
<del>MATH 203, 211 or 254 (MATH 181)</del>	<del>Biometrics or Statistics I</del>	<del>3</del>	
BIOL 300-499	Upper-Level Biology Elective I	3	3
BIOL 300-499	Upper-Level Biology Elective II	3	3
BIOL 300-499	Upper-Level Biology Elective III	3	3
BIOL 300-499	Upper-Level Biology Elective IV	3	3
BIOL 300-499	Upper-Level Biology Elective V	3	3
BIOL 300-499	Upper-Level Biology Elective VI	3	3
GEOG 101	Environmental Geography	3	
GEOG 211	Atmospheric Environments	3	
GEOG 212	Earth Environments	3	
<del>GEOG 228</del>	<del>200-Level Geography Option</del>	<del>3</del>	
GEOG 328	Geographic Information Systems	3	3
GEOG 372, 373, 374 or 376	Upper-Level Geography Option I	3	3
GEOG 372, 373, 374 or 376	Upper-Level Geography Option II	3	3
GEOG 372, 373, 374 or 376	Upper-Level Geography Option III	3	3
GEOG 300-499	Upper-Level Geography Elective I	3	3
GEOG 300-499	Upper-Level Geography Elective II	3	3
Elective 300-499	Upper-Level Elective I	3	3
Elective 300-499	Upper-Level Elective II	3	3
<del>Elective 100-499</del>	<del>General Elective I</del>	<del>3</del>	
<del>Elective 100-499</del>	<del>General Elective II</del>	<del>3</del>	
<del>Elective 100-499</del>	<del>General Elective III</del>	<del>3</del>	
<del>Elective 100-499</del>	<del>General Elective IV</del>	<del>3</del>	
<del>Elective 100-499</del>	<del>General Elective V</del>	<del>3</del>	
<del>Elective 100-499</del>	<del>General Elective VI</del>	<del>3</del>	
<del>Elective 100-499</del>	<del>General Elective VII</del>	<del>3</del>	
<del>Elective 100-499</del>	<del>General Elective VIII</del>	<del>3</del>	
	TOTAL:	124	42