

BSc Transfer from Forestry Resources 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).
 - Geoscience: Min. “C+” in Chemistry 12.
 - Recommended: Min. “C+” in each of Biology 11 or 12, and Physics 11 (for EGBC).
 - 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 27 courses in addition to the FRST diploma (see page 2).
- BSc Major in Geoscience
 - Requires completion of 26 courses in addition to the FRST diploma (see page 3).
- BSc Double-Minor in Biology & Geography
 - Requires completion of 23 courses in addition to the FRST diploma (see page 4).

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).
- The VIU BSc Major in Geoscience meets the academic requirements for Professional Environmental Geoscientist or Geologist (P.Geo.) with Engineers and Geoscientists BC (EGBC), although additional course work is required (e.g., PHYS 111/112, additional GEOL courses).
- 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.
 - Prerequisites: Min. “C+” in each of Biology 11 or 12, Chemistry 12, and Pre-calculus 12.
 - Requires completion of 20 courses in addition to the FRST diploma.

Contact Info: VIU BSc Degree Advisor, Eric Demers, Eric.Demers@viu.ca

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 Forestry Resources 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
English 1 (ENGL 115)	100-level English	3	
English 2 (ENGL 204)	100-level English	3	
MATH 121	Calculus I	4	
MATH 122	Calculus II	4	
Non-Science 100-499	Non-Science Elective I	3	
Non-Science 100-499	Non-Science Elective II	3	
BIOL 121A and 121L	Introductory Zoology	4	
BIOL 123A and 123L	Intro. Cellular & 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 I	3	
BIOL 202 (FRST 235)	Ecology	3	
BIOL 210	Microbiology	4	
BIOL 212	Genetics	3	
BIOL 223 (FRST 131)	Botany	3	
CHEM 231	Organic Chemistry I	4	
CHEM 232	Organic Chemistry II	4	
MATH 203 (MATH 181)	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
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 (FRST 328)	Upper-Level Biology Elective V	3	3
BIOL 300-499 (FRST 351)	Upper-Level Biology Elective VI	3	3
BIOL 300-499 (FRST 352)	Upper-Level Biology Elective VII	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
Elective 100-499	General Elective I	3	
Elective 100-499	General Elective II	3	
Elective 100-499	General Elective III	3	
Elective 100-499	General Elective IV	3	
TOTAL:		128	42

**Transfer from Forestry Resources Technology Diploma to BSc Major in Geoscience
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
English 1 (ENGL 115)	100-level English	3	
English 2 (ENGL 204)	100-level English	3	
MATH 121	Calculus I	4	
MATH 122	Calculus II	4	
Non-Science 100-499	Non-Science Elective I	3	
CHEM 140A and 140L	Chemistry Fundamentals I	4	
CHEM 141A or 142A, and 142L	Chemistry Fundamentals II	4	
GEOG 101	Environmental Geography	3	
GEOL 111	Discovering Planet Earth	4	
GEOL 112	Understanding Earth's History	4	
GEOL 115	Lab & Field Studies in Earth Science	3	
GEOG 211	Atmospheric Environments	3	
GEOG 212	Earth Environments	3	
GEOG 228 (FRST 121)	Spatial Analysis	3	
GEOL 200	Mineralogy and Petrology	3	
GEOL 201	Sedimentology and Stratigraphy	3	
GEOL 202	Earth Structures	3	
GEOL 206	Field Geology and Geol. Mapping	3	
MATH 211 or 254 (MATH 181)	Statistics I	3	
GEOG 328 (FRST 328)	Geographic Information Systems	3	3
GEOL 300	Igneous and Metamorphic Petrology	3	3
GEOL 300-499	Upper-Level Geology Elective I	3	3
GEOL 300-499	Upper-Level Geology Elective II	3	3
GEOL 300-499	Upper-Level Geology Elective III	3	3
GEOG 300-499	Upper-Level Geography Elective I	3	3
GEOG 300-499	Upper-Level Geography Elective II	3	3
GEOG 300-499	Upper-Level Geography Elective III	3	3
GEOL or GEOG 300-499	Upper-Level Geoscience Elective I	3	3
GEOL or GEOG 300-499	Upper-Level Geoscience Elective II	3	3
Elective 300-499 (FRST 351)	Upper-Level Elective I	3	3
Elective 300-499 (FRST 352)	Upper-Level Elective II	3	3
Elective 300-499	Upper-Level Elective III	3	3
Elective 300-499	Upper-Level Elective IV	3	3
Elective 100-499	General Elective I	3	
Elective 100-499	General Elective II	3	
Elective 100-499	General Elective III	3	
Elective 100-499	General Elective IV	3	
Elective 100-499	General Elective V	3	
Elective 100-499	General Elective VI	3	
Elective 100-499	General Elective VII	3	
	TOTAL:	126	42

**Transfer from Forestry Resources 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
English 1 (ENGL 115)	100-level English	3	
English 2 (ENGL 204)	100-level English	3	
MATH 121	Calculus I	4	
MATH 122	Calculus II	4	
Non-Science 100-499	Non-Science Elective	3	
BIOL 121A and 121L	Introductory Zoology	4	
BIOL 123A and 123L	Intro. Cellular & Molecular Biology	4	
CHEM 140A and 140L	Chemistry Fundamentals I	4	
CHEM 141A or 142A, and 142L	Chemistry Fundamentals II	4	
BIOL 201	Principles of Biochemistry	3	
BIOL 202 (FRST 235)	200-Level Biology Option I	3	
BIOL 223 (FRST 131)	200-Level Biology Option II	3	
CHEM 231	Organic Chemistry I	4	
MATH 203, 211 or 254	Biometrics or Statistics I	3	
BIOL 300-499 (FRST 351)	Upper-Level Biology Elective I	3	3
BIOL 300-499 (FRST 352)	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	
GEOG 228 (FRST 121)	200-Level Geography Option	3	
GEOG 328 (FRST 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
Elective 100-499	General Elective I	3	
Elective 100-499	General Elective II	3	
Elective 100-499	General Elective III	3	
Elective 100-499	General Elective IV	3	
Elective 100-499	General Elective V	3	
Elective 100-499	General Elective VI	3	
Elective 100-499	General Elective VII	3	
Elective 100-499	General Elective VIII	3	
TOTAL:		126	42