

## Other University Programs & Transfer Options

# Bachelor of Science - Transfer

## Earth Science

- University Transfer Program
- Program Fees: Domestic Students, International Students
- Apply for Admission

*VIU also offers a Bachelor of Science, Minor in Earth Science*

### The Program

VIU offers the first year and selected courses in the second and third year of the four-year B.Sc. in Earth Science. Students can transfer to a university after either the first or second year. The programs for transfer to the University of British Columbia (UBC), Simon Fraser University (SFU) and the University of Victoria (UVic) are given below. For information about courses fulfilling the requirements towards the PGEO designation of the Association of Professional Engineers and Geoscientists, contact the VIU Geology department. For further information, students should refer to the university calendar, the Advising Centre or contact the VIU Geology department.

### SFU Transfer

YEAR 1	Credits
GEOL 111 - (Discovering Planet Earth) <i>and</i> , GEOL 112 - (Understanding Earth's History)	8
Select <i>one</i> of the following pairs: CHEM 140* - (Chemistry Fundamentals I) <i>and</i> , CHEM 141* - (Chemistry Fundamentals II) <i>or</i> CHEM 142* - (Chemistry Fundamentals II)	8
MATH 121 - (Calculus I) <i>and</i> , MATH 122 - (Calculus II) <i>and</i> , <i>or</i> MATH 100 - (Calculus for Engineering and Physical Sciences I) <i>and</i> , MATH 101 - (Calculus for Engineering and Physical Sciences II)	6
PHYS 121 - (Physics for the Physical Sciences I) <i>and</i> , PHYS 122 - (Physics for the Physical Sciences II)	8
English <i>or</i> Arts electives	6
<b>Total Credits</b>	<b>36</b>

*\* Effective September 2011: CHEM 140 will replace CHEM 122, CHEM 141 will replace CHEM 111, and CHEM 142 will replace CHEM 121. Students who have already completed the old Chemistry courses can still use those courses to meet the 1st-year chemistry requirements.*

YEAR 2	Credits
GEOL 200 - (Mineralogy) <i>and</i> , GEOL 202 - (Earth Structures)	6
GEOL 201 - (Sedimentology and Stratigraphy) <i>and</i> , GEOL 206 - (Field Geology and Geological Mapping)	6

## UBC Transfer

YEAR 1	Credits
GEOL 111 - (Discovering Planet Earth) <i>and</i> , GEOL 112 - (Understanding Earth's History)	8
Select <i>one</i> of the following pairs: CHEM 140* - (Chemistry Fundamentals I) <i>and</i> , CHEM 141* - (Chemistry Fundamentals II) <i>or</i> CHEM 142* - (Chemistry Fundamentals II)	8
MATH 121 - (Calculus I) <i>and</i> , MATH 122 - (Calculus II) <i>and</i> , <i>or</i> MATH 100 - (Calculus for Engineering and Physical Sciences I) <i>and</i> , MATH 101 - (Calculus for Engineering and Physical Sciences II)	6
PHYS 121 - (Physics for the Physical Sciences I) <i>and</i> , PHYS 122 - (Physics for the Physical Sciences II)	8
English 100-level	6
<b>Total Credits</b>	<b>36</b>

\* Effective September 2011: **CHEM 140 will replace CHEM 122, CHEM 141 will replace CHEM 111, and CHEM 142 will replace CHEM 121.** Students who have already completed the old Chemistry courses can still use those courses to meet the **1st-year** chemistry requirements.

Note: Students without Biology 11 or 12 must take 4 credits of 100-level BIOL.

YEAR 2	Credits
GEOL 200 - (Mineralogy) <i>and</i> , GEOL 202 - (Earth Structures)	6
GEOL 206 - (Field Geology and Geological Mapping)	3
CHEM 221 - (Physical Chemistry) <i>and</i> , CHEM 222 - (Inorganic Chemistry)	6
MATH 200 - (Calculus of Several Variables)	3

## UVic Transfer

YEAR 1	Credits
GEOL 111 - (Discovering Planet Earth) <i>and</i> , GEOL 112 - (Understanding Earth's History)	8
Select <i>one</i> of the following pairs: CHEM 140* - (Chemistry Fundamentals I) <i>and</i> , CHEM 141* - (Chemistry Fundamentals II) <i>or</i> CHEM 142* - (Chemistry Fundamentals II)	8
MATH 121 - (Calculus I) <i>and</i> , MATH 122 - (Calculus II) <i>and</i> , <i>or</i> MATH 100 - (Calculus for Engineering and Physical Sciences I) <i>and</i> , MATH 101 - (Calculus for Engineering and Physical Sciences II)	6
PHYS 121 - (Physics for the Physical Sciences I) <i>and</i> , PHYS 122 - (Physics for the Physical Sciences II)	8
Arts elective	3
<b>Total Credits</b>	<b>33</b>

\* Effective September 2011: **CHEM 140 will replace CHEM 122, CHEM 141 will replace CHEM 111, and CHEM 142 will replace CHEM 121.** Students who have already completed the old Chemistry courses can still use those courses to meet the **1st-year** chemistry requirements.

YEAR 2	Credits
GEOL 200 - (Mineralogy) <i>and</i> , GEOL 202 - (Earth Structures)	6
GEOL 201 - (Sedimentology and Stratigraphy) <i>and</i> , GEOL 206 - (Field Geology and Geological Mapping)	6
GEOG 111 - (Atmospheric Environments)	3
CHEM 221 - (Physical Chemistry) <i>and</i> , CHEM 222 - (Inorganic Chemistry)	6
MATH 200 - (Calculus of Several Variables) <i>and</i> MATH 251 - (Differential Equations)	6
SCIE 251 - (Life on Earth)	4