

# Bachelor of Science, Majors, Minors and Transfer

## EARTH SCIENCE

A Minor is offered

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

### General Description

The Minor in Earth Science is designed to provide foundational knowledge about the Earth's materials, processes, resources and history. Earth Science is a multidisciplinary field in which the principles of chemistry, physics and mathematics are applied to understand how the Earth works and to solve the problems of the physical world. Earth Science literacy is of critical importance in understanding and solving challenges facing us regarding energy and resource availability and environmental security.

The Minor in Earth Science is designed to be taken as part of a Double Minor or as a Major and Minor combination for a Bachelor of Science. The program provides a solid foundation in the physical sciences and the flexibility to create individualized programs of study.

The Minor in Earth Sciences combines with Minors or Majors in Biology, Chemistry, Mathematics, and Computer Science. The Minor in Earth Sciences also complements with studies in Anthropology, Business, Economics, Creative Writing, Liberal Studies, and Geography. The program will be of particular interest to students proceeding towards a career in Primary and Secondary Education, with plans for teaching a science curriculum.

### Requirements for a Minor

Students must fulfill all Institutional B.Sc. Degree Requirements, including Degree English Requirements and courses listed below:

**Year 1:** GEOL 111, 112.

**Year 2:** GEOL 200, 201, 202, and 206.

**Years 3 and 4:** Minimum of 18 credits of Earth Science\* courses numbered 300 and above.

Upper-Level Earth Science course options: GEOL 300, 301, 304, 308, 312, 380, 390, 470, 480, 490, CHEM 301, 302, GEOG 326, 328, 372, 373, 374, GEOG 376 and 428 .

*\* Earth Science courses are approved lab science courses from the departments of Geology, Chemistry, Physics and Geography.*