

## Career Opportunities

Graduates with a Minor in Earth Science from VIU have a wide range of career opportunities in BC, Canada and around the world. Earth Science experts are in demand in fields that include: environmental protection and monitoring, water resources, resource exploration, mining, forestry, and engineering. During their degree, students have the opportunity to complete the academic requirements for registration as Professional Geoscientists with Engineers & Geoscientists of British Columbia (EGBC).

## Financial Assistance

Financial assistance is available to students demonstrating financial need. Please visit [viu.ca/financialaid](https://viu.ca/financialaid)

## Further Information

The Vancouver Island University Calendar is available online. Visit our website at [viu.ca/programs](https://viu.ca/programs)

## Detailed Program Information

For more details on programs visit: <https://scitech.viu.ca/earth-science>.

## How to Apply

Students can apply online at [applybc.ca](https://applybc.ca) or obtain an Application for Admission form, which is available from regional secondary schools, or from Vancouver Island University Registration Centres at the Nanaimo, Duncan, Powell River or Parksville-Qualicum campuses. When the Registration Centre confirms that you have been admitted, you will be advised when and how to register and pay for your courses.



## Minor in Earth Science

### About Vancouver Island University

Vancouver Island University is a comprehensive post-secondary institution located on beautiful Vancouver Island in British Columbia. Situated on the traditional territories of the Coast Salish peoples, VIU's main campus is in Nanaimo with regional campuses in Duncan and Powell River and a centre in Parksville. About 14,500 full-time and part-time students are enrolled in academic, applied, career/technical, vocational, trades and developmental programs leading to certificates, diplomas and degrees

#### Vancouver Island University

##### Nanaimo Campus

900 Fifth Street | Nanaimo, BC V9R 5S5

Switchboard: 250.753.3245 | Toll-free: 1.888.920.2221

Advising: 250.740.6410

Financial Aid & Awards: 250.740.6423

Registration Tel: 250.740.6400 | Fax: 250.740.6479

##### Cowichan Campus

2011 University Way | Duncan, BC V9L 0C7

Switchboard: 250.746.3500

Advising | Financial Aid & Awards | Registration:

250.746.3509 | Fax 250.746.3559

[viu.ca](https://viu.ca)



**VANCOUVER ISLAND  
UNIVERSITY**

*The information contained in this guide is accurate at the time of printing. Vancouver Island University reserves the right to make such changes as necessary, including cancellation and adjustment of courses.  
March 2021*



  
**VANCOUVER ISLAND  
UNIVERSITY**

Faculty of  
Science and Technology



## Earth Science

### Knowledge – Skills –

### A Passion for Earth Science

Earth Science students gain a broad foundation in geoscience through hands-on, field-based and inquiry-based coursework. 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 or Bachelor of Arts. The program combines with a wide variety of programs giving students the flexibility to create individualized programs of study. The first two years of this four-year program give students a broad appreciation of earth processes, earth materials, landscape dynamics and field methods. In their third and fourth year, students can choose from a wide variety of topics to suit individual interests and career aspirations.

### Hands-On – Fieldwork –

### Research Opportunities

Field-based studies, cooperative learning and development of scientific communication skills are fundamental to this program. Vancouver Island University is perfectly situated on the British Columbia Coast, allowing easy access to a wide variety of interesting field sites.

## Program Requirements

The Minor in Earth Science can usually be completed in four years. No prerequisites are required for entry into the program, other than VIU's BSc or BA entry requirements.

### Year 1 (Required Courses)

CHEM 140	Chemistry Fundamentals I
CHEM 140	Discovering Planet Earth
GEOL 112	Understanding Earth's History
GEOL 115	Laboratory and Field Studies in Earth Science
Degree English Requirement (6 credits)	

### Year 2 (Required Courses)

GEOL 200	Mineralogy
GEOL 201	Sedimentology and Stratigraphy
GEOL 202	Earth Structures
GEOL 206	Geological Field Methods and Mapping



## BSc Program Requirements

MATH 100 or MATH 121	Calculus for Engineering/Physical Sciences I or Calculus I
MATH 101 or MATH 122	Calculus for Engineering/Physical Sciences II or Calculus II
Lower-Level Sciences Requirement	Minimum of 6 credits from each of three science disciplines
Non-Science Elective Requirement	Minimum of 6 credits from non-science courses that are numbered 100 or higher
Upper-Level Requirement	Minimum of 42 VIU credits in courses numbered 300 or higher

## BA Program Requirements

One Honours with a minimum of 42 upper-level VIU credits or two Minors with a minimum of 18 upper-level VIU credits from each area of academic inquiry - **OR**

One Major with a minimum of 30 upper-level VIU credits specifically aligned to the area of academic inquiry - **OR**

Two Minors with a minimum of 18 upper-level VIU credits from each area of academic inquiry

## Detailed Program Information

For more details on programs visit:  
[scitech.viu.ca/earth-science](https://scitech.viu.ca/earth-science).

