

An aerial photograph of a deep, rugged canyon with steep, rocky walls. A dark river flows through the bottom of the canyon. The surrounding landscape is green and hilly.

BENEATH ALL THE
WEALTH OF DETAIL
IN A GEOLOGICAL
MAP LIES AN ELEGANT,
ORDERLY SIMPLICITY.

- Tuzo Wilson

ABOUT EARTH SCIENCES

Earth sciences studies how our planet works by looking at all its components – the interior and rocky crust, water, air and life forms, and how they combine into the geosphere.

Earth sciences draws upon geology, physics, chemistry, mathematics and the life sciences to investigate modern and ancient Earth processes.

Earth scientists can be found in a wide variety of occupations and lifestyles.

From laboratory to boardroom to the great outdoors - we're there!

DEGREES OFFERED

- B.Sc. major or honours in Earth Sciences

The following joint programs are also offered: biology/Earth sciences, chemistry/Earth Sciences, Earth Sciences/geography (B.Sc. only), Earth sciences/physics, geophysics/physical oceanography.

A minor in Earth sciences is available.

B.SC. (HONS.)

The B.Sc.(Hons.) program provides considerable choice to students enabling them to personalize their programs based on their career goals and aspirations. Students should consult with faculty members and the departmental student handbook for guidance in selecting courses appropriate to particular career paths.

B.SC. MAJOR

Many provinces have legislation requiring registration of professional geoscientists. A basic requirement is, in most cases, the course equivalent of an honours B.Sc. degree. Students intending to make a career in Earth sciences should consider following the honours degree program, regardless of whether honours standing is maintained.

EARTH SCIENCES AT MEMORIAL

Memorial University has one of the largest and most diverse Earth sciences departments in Canada. With 23 faculty members, 14 staff and leading-edge

teaching and research facilities, the department offers high quality undergraduate and graduate degree programs.

Many companies visit us annually to hire our students both for summer work and permanent positions. A significant proportion of our students become professional geoscientists.

CAREERS

- Economic geologist
- Geochemist
- Geochronologist
- Geophysicist
- Hydrogeologist
- Marine geologist
- Paleontologist
- Petroleum geologist
- Sedimentologist

You'll also find our graduates in fields such as:

- Education
- Environmental science
- Mining geology
- Geological mapping ... and more.

FOR MORE INFORMATION

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