



**LEAVE NO STONE
UNTURNED**

EARTH SCIENCES

UNB's earth sciences graduate programs provide students with a rock-solid understanding of field-based research, and access to cutting-edge labs and facilities - including one of the best thin section preparations facilities in Canada. Our students have access to and regularly use sophisticated geochemical, geophysical and spectroscopic analytical instrumentation. The department works directly with the province's Department of Energy and Resource Development, the Geological Survey of Canada (GSC), and NASA through UNB's Planetary and Space Science Centre (PASSC). The PASSC facility is the first of its kind in the country, where students are currently studying lunar soil and Martian meteorites affected by the impact of asteroids and comets.

Earth sciences graduates typically go on to work in the mineral exploration and petroleum sectors, geosciences, geophysics, and environmental geoscience consulting, minerals and energy resources government research, or academia.

DEGREES OFFERED

MSc, PhD

APPLICATION DEADLINE

Open

STUDY OPTIONS

Thesis

DURATION

2 years (MSc)

4 years (PhD)

ENTRY TERMS

Fall, Winter &
Summer

RESEARCH AREAS

- Applied Geophysics & Rock Physics
- Applied Glacial & Quaternary Geology
- Aqueous & Environmental Geochemistry & Hydrogeology
- Isotope Geochemistry & U-Pb Geochronology
- Biogeology (including Paleoclimatology), Palaeontology, Ichnology
- Sedimentology, Stratigraphy, Petroleum Geology
- Structural Geology, Geotectonics
- Ore Deposits Geology, Mineral Resource Exploration
- Igneous & Metamorphic Petrology
- Volcanology
- Experimental Petrology

APPLICATION REQUIREMENTS

- All interested applicants are required to submit a preliminary application assessment and a 250 word statement describing their research interests. The statement will be circulated to faculty members, who will contact those applicants they are interested in.
- MSc applicants should hold a bachelor's degree in geology or the equivalent with first or upper second division and a minimum cumulative GPA of 3.0/4.3 (70% or B).
- PhD applicants should hold a master's degree with a research-based thesis from a recognized university.
- Applicants whose first language is not English must submit language scores (minimum IELTS Band 7.0)



APPLY NOW

unb.ca/gradstudies/admissions



CONTACT US

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