Why Study Geoscience at the UofR?

WHAT WILL YOU ENJOY!

The friendly, welcoming, and collegial environment that is a product of:
- Devoted, award-winning faculty
- More personal hands-on instruction
- A vibrant student society (DM Kent Club of Geology) including a club room & diverse student events
- Relatively small class sizes
- Experiential learning in the laboratories & the field
- Networking opportunities with professionals, alumni & other students (i.e., Student-Industry Round Table)
- Field trips (local to international - Iceland, Colombia)

Our graduates & students recommend us to their friends & family members many of whom also become students & graduates!!

You can pursue the following degrees at the Department of Geology, University of Regina:

BSc (Geology or Environmental Geoscience)
BSc Honours (Geology or Environmental Geoscience)
A minor in Geology to accompany your degree
Co-operative education with the possibility of placement with major employers!

MSc (Geology or Environmental Geoscience)
PhD (Geology or Environmental Geosciences)
We have Postdoctorate, Visiting Scientist, and Mentorship Opportunities.

Visit Us!!

Iceland field trip

The department has an international reputation in geoscience and an ongoing tradition as a field-based research unit. Whether in minerals, petroleum, environmental, or research related to the Canadian Shield, the department has often led the way in research!

Father & daughter graduates!

WHAT WILL YOU LEARN!

Environmental Geology: Covers topics such materials of the Earth, hazards like volcanism and earthquakes, and surficial processes that impact the landscape and human environments. Learn about pollution, contamination, and resources from a geological perspective.

Internal Processes of the Earth: Learn about the materials (minerals & rocks) composing the Earth and the processes of Plate Tectonics resulting in mountains, volcanoes, etc. which can be identified and interpreted through geological maps.

Resources of the Earth: Study the formation and distribution of energy and mineral resources; their sustainable development and the environmental, social, and economic implications of their use.

Mineralogy: Application of structures and compositions of the minerals to their properties in hand specimens and thin sections of rocks.


Paleontology: Classification, morphology, evolution, and distribution of fossils throughout geological time.

Soils & Sediment Analysis: Introduction to the analysis, properties, and classification of soils and sediments utilizing field and lab techniques.

Sedimentology: Study sedimentary environments; modes of transport and deposition; sedimentary petrology.

Petrology: Examine the composition and formation of igneous, sedimentary, & metamorphic rocks and their classification, occurrence, and importance.

Geochemistry & Geophysics: Principles of crystal, aqueous, and isotopic geochemistry and application to rocks and geochanical exploration; introduction to geophysical methods and their application in exploration.

Stratigraphy: The correlation of sedimentary rocks, evolution of sedimentary basins, and implications on systems and sea level change.

Structural Geology: Study the deformation of rocks, the formation of folds and faults, major tectonic features and evolution of the lithosphere, and plate tectonics.

Field Courses: Put what you have learned into practice! Study geology in other locations such as in Saskatchewan, Manitoba, and Alberta and internationally.


Join the geology student society (DM Kent Club)!

Experiential learning

Field course stop in the Rockies

Refer to our website for other available courses!
http://www.uregina.ca/science/geology