

# DEPARTMENT OF GEOLOGY



- ▶ **3 AND 4 YEAR B.Sc. DEGREEES IN GEOLOGY AND ENVIRONMENTAL GEOSCIENCE**
- ▶ **MASTER OF SCIENCE**
- ▶ **PROFESSIONAL CAREER PREPARATION, P.Geo.**

*Brandon Geology students travel across Canada and worldwide!*

## ▶ *Exploration*



## ▶ **What is Geology?**

Geology is the study of the Earth, its environment, natural resources and evolution of life. Geoscientists study the processes that form the Earth and everything on it and in it, including volcanoes, earthquakes, oceans, mountains, rocks, minerals, energy, fossils, atmospheric conditions, and biological activity.

## ▶ **Is Geology important?**

Absolutely! We require rocks, minerals and energy resources to maintain a healthy and prosperous life. We must study geoscience to ensure a sustainable future and to protect our natural environment. Without metals, minerals and energy resources there would be **no cell phones, computers, TVs, electricity, household appliances, vehicles or even houses and modern infrastructure.** Metals, minerals, energy, water and their products are needed to sustain life. Geological processes are studied so we can help predict climate change and mitigate natural disasters. A greater understanding leads to a better and more sustainable future!



## ▶ *Environmental Geoscience*

## ▶ **Why should I study Geology?**

Geology will give you an exciting, meaningful and lucrative career. With a Geology degree you can provide the expertise needed to ensure a sustainable and prosperous future! Whether that be working in the Australian outback, the mountains of Peru, or high-tech laboratories in urban centers, there is great opportunities for you with a Brandon University Geology degree!

## ▶ *Hands on Field Experience!*



► **Can I work while studying Geology?**

Yes, many students obtain geological work during the summer. Students have the opportunity to work during the study term, as teaching, lab and research assistants. Many take part-time jobs to support their studies. Ask about our Co-op program to gain paid work experience and academic credit.

► **Is there any financial help?**

Yes. Over \$63,000 in scholarships and bursaries are available each year to Geology students. Many other University and professional association scholarships are also available.

► **Student life at Brandon University**

Students in the BU Geology program enjoy a wide range of activities from field trips and networking events, to taking in a Bobcat's game at the newly renovated Healthy Living Center!



► **Research and Development**

► **What is my expected salary?**

Brandon University graduates start their careers at about \$70,000 per year. Salaries rise quickly with experience, and many earn well over \$100,000/year.

► **What jobs and careers are possible after graduation?**

Brandon University graduates are employed in a wide range of fields including: resource (mining/oil) exploration/development/management, sustainable energy, government, education, consulting,

software development, financial analysis, and museums. These diverse career opportunities often involve traveling to exotic locations, and our graduates work all over the globe. Many students continue on to higher levels of education at institutions worldwide.



► **Geophysics**

► **When can I apply?**

You do not need to have graduated from high school to begin the application process to Brandon University. We recommend that you apply as soon as possible in order to be eligible for scholarships and to begin receiving important information about Brandon University and your first year of studies. Visit this link to start your application:

<https://www.brandonu.ca/future-students/apply/high-school/>



► **Travel to Remote Locations!**

# Department of Geology

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► **Geochemistry**



► **Production**

**Preparing Tomorrow's  
Geoscientists!**