

What is Mining Engineering?

Mining is the science, and engineering of creating a profitable mining operation. Mining engineers design, develop, and implement processes and technologies for the economic extraction of mineral resources in a safe, sustainable, and environmentally friendly way.

Why study Mining Engineering?

The Mining Engineering program is a unique, interdisciplinary choice from a wide range of career paths globally. A degree in mining engineering builds the skills and experience necessary for work in the field of a mining, energy and utilities, construction, engineering and management consulting, scientific and technical services, finance and mining investments, manufacturing and processing, and agriculture.

Core areas of study

Mining engineers deal with physical, chemical, geological, economic, and a mix of applied engineering subjects such as material handling, rock mechanics, ventilation, mining methods, mineral processing, and environmental mining. Students can apply their knowledge to large surface and deep underground mine design, short and long-term mining production, and health and safety of mining projects. Graduates are employed in a wide range of capacities in government and corporate social responsibilities.

Why McGill?

and receive a world-class education.

How do I apply?

Admission information:

www.mcgill.ca/undergraduate-admission/appl

What can I do with my degree?

Most graduates work in the mining industry, their capacity for responsibility, and management skills mean that they often move on to larger project management roles, both in operation and consulting. Starting as a junior mining/project engineer, graduates have quickly moved up in their career, securing senior positions such as mine manager, principal engineer, and senior analyst, in addition to careers from graduation.

Recent graduates from the program have gone on to careers in a variety of industries such as:

BHP

Long Range Mine Planner

Laurentian Bank Financial Group

Mining Analyst

IAMGOLD

Jr. Mining Engineer

ArcelorMittal

Mining Optimization Engineer

Suncor

Field Engineer

Glencore

Process Engineer

Caterpillar

Technical Sales Representative

Student life

The Faculty of Engineering provides several opportunities to participate in a variety of clubs, activities, and student organizations. Below are a few groups that students can join to connect with others and enhance their lives outside of the classroom:

- ▲ Co-op Mining Engineering Undergraduate Society (CMEUS)
- ▲ Engineering Undergraduate Society (EUS)
- ▲ Engineers Without Borders - McGill Chapter
- ▲ Promoting Opportunities for Women in Engineering (POWE)
- ▲ The Canadian Mining Games
- ▲ CIM Student 