This menu is a tool for you to use to explore opportunities at Mines outside of the classroom. These are not requirements, but rather recommendations to help you leverage what Mines has to offer. Just like at a restaurant, choose what looks best to you and start from there! This menu can help you create your own pathway and customize your experience during your time at Mines.

The activities are placed in specific years based on staff and faculty recommendations, but you can participate in most of them at any time. There is never a wrong time to get involved if you're looking, and no pressure to do any of these things!

Get to know Geological Engineering

Our faculty, staff and students work in a number of fundamental and applied areas important to earth, energy and environment that include mineral and energy resources, underground construction and tunneling, geological hazards, and geochemistry, as well as surface and ground water resources. We take education seriously, and have excellent teaching facilities, world class laboratory facilities, and access to some of the best field sites in the world.

We have close partnerships with the U.S. Geological Survey and Colorado Geological Survey and are proud to house one of the best geology museums in the country. Geology is important to many areas important to humanity, from hazards to water resources to changing climate and we are training outstanding students to be stewards of our earth's natural resources.

Get Involved

Attend Celebration of Mines in August to get to know campus organizations and academic departments, sample food, and play games. Below are some departments that offer many great opportunities to enhance your experience here at Mines.

- Student Activities, Involvement & Leadership
- University Honors and Scholars Program
- Every Oredigger

Academic options in Geological Engineering

Explore the options below to see how to expand upon a Geological Engineering degree and what to expect from the course load.

- Minors
  - Underground Construction & Tunneling
  - Geophysics
  - Space and Planetary Science and Engineering
  - Chemistry
  - Water Sustainability
  - McBride Honors Program
  - Teaching

- 4+1 Programs
  - Geology, Geophysics, Geological Engineering, Hydrologic Science and Engineering, Geochemistry, GIS & Geoinformatics, Space Resources, Underground Construction and Tunneling and Data Science

- Academic Flow Chart
- Academic Catalog

Contact us: 1516 Illinois St., Golden, CO 80401  https://geology.mines.edu