DEPARTMENT OF MINING ENGINEERING

MINING.MINES.EDU

Mines has been ranked as the #1 mining school in the world by the QS World University Rankings since 2015.

STEWARDS OF EARTH RESOURCES
The Department of Mining Engineering focuses on training engineers with a strong engineering background who understand the geology of ore deposits and best methods for safe and environmentally sound extraction of minerals. As stewards of natural resources, graduates learn to provide supply of critical resources, minerals and raw materials for economic growth and sustainability of society in a circular economy.

STUDENT-LED ORGANIZATIONS
- Society for Mining, Metallurgy and Exploration (SME)
- International Society of Explosives Engineers (ISEE)
- Society of Women Engineers (SWE)
- Women In Mining (WIM)
- Mine Rescue Team featuring national competitions
- International Mining Games featuring international competitions

RESEARCH OPPORTUNITIES FOR UNDERGRAD STUDENTS
There are several world-renowned research centers and institutes within the department that offer hands-on experience and research activities for students.

- Kroll Institute for Extractive Metallurgy (KlEM)
- Underground Construction and Tunneling (UCT)
- Earth Mechanics Institute (EMI)
- Center for Critical Minerals
- Center for Sustainable Mining
- Edgar Experimental Mine
- Virtual and Augmented Reality Lab
- Mine Automation and Robotics
- Rock Mechanics Lab
- Mineral Processing Lab
- Mine Ventilation Lab

DEGREES OFFERED
Courses include hands-on labs and presentations by industry partners.

- Mining Engineering
  Bachelor’s, master’s and PhD offered
- Underground Construction and Tunnel Engineering
  Master’s and PhD offered
- Earth Resource Development Engineering
  Master’s and PhD offered

MINORS
- Mining Engineering
- Explosives Engineering
- Underground Construction and Tunnel Engineering
- Mineral Processing and Earth Mechanics
  (Coming in AY 2021)
- Space Mining

40+ INDUSTRY PARTNERS

$76.5K
Average salary for 2021-22 BS graduates (100% placement rate reported)