Our goal is to provide students with a fundamental knowledge-base associated with materials-processing, their properties and their selection and application. Graduates from Mines in Metallurgical and Material Engineering work in a wide spectrum of manufacturing industries, including metal products, automotive and aerospace industries, and semiconductor fabrication.

$61,500 average salary offers for 2016-17 MME graduates*

Areas of Study
The Metallurgy and Materials Engineering Department was one of the first organized department at Mines and has been granting degrees since 1904.

Degrees Offered
- Metallurgical & Materials Engineering

Minor, bachelor’s, master’s and PhD offered

Materials Advantage Chapter
Comprised of four international professional societies, CSMMAC is a student chapter that participates in many competitions and has a long history of success.

- Awarded most outstanding chapter of over 100 chapters (2016-17), nationally and internationally. The Chapter has won this award six times in 12 years.
- Winners of the Materials Bowl brain bowl competition five times in the last 10 years. No other school has won more than twice in the history of the competition.

*Information is from the 2016-17 Mines Career Center Outcomes Survey
MME RESEARCH AND CAREER OPPORTUNITIES

Our faculty have close industrial, government laboratory and academic ties which provide opportunities for internship and employment for students and alumni. The department has a national and international reputation as a leader in Metallurgy and Materials Engineering.

TOP EMPLOYERS

- NASA
- Arcelor Mittal
- Boeing
- Lockheed Martin
- Chevron
- Phillips 66
- BP
- IBM

UNDERGRADUATE RESEARCH

The MME Department has the largest research expenditures of all departments at Mines, providing paid research opportunities to interested undergraduate students.

MINES BY THE NUMBERS

Mines has the highest admissions standards of any public university in Colorado and among the highest of any public university in the United States.

#1 best value college in Colorado and #13 nationally by SmartAsset

#1 Mines has the largest collegiate section of the Society of Women Engineers in the United States

3 Rocky Mountain Athletic Conference All-Sports Competition Cup championships

18 Intercollegiate athletics teams at Mines

31 Average ACT score for freshmen

85%, 93%, 96% of bachelor’s, master’s and PhD graduates had positive outcomes upon graduation in 2016-17

92% Freshman-to-sophomore retention percentage

200+ Student organizations on campus

6,043 Degree-seeking undergraduate and graduate students

$56.8 million Total research awards in fiscal year 2017, with roughly 39 percent funded by non-federal sources

ABOUT MINES

Colorado School of Mines is a public university focused on science and engineering, dedicated to pioneering research that addresses the great challenges society faces today and committed to educating students who will do the same.

Founded in 1874 as an institution specializing in silver and gold, Mines has expanded its mission beyond the extraction and use of natural resources, becoming a world leader in advancing responsible stewardship of the Earth and developing revolutionary technologies in numerous disciplines.

CONTACT

Nancy Progar, Department Manager
progar@mines.edu