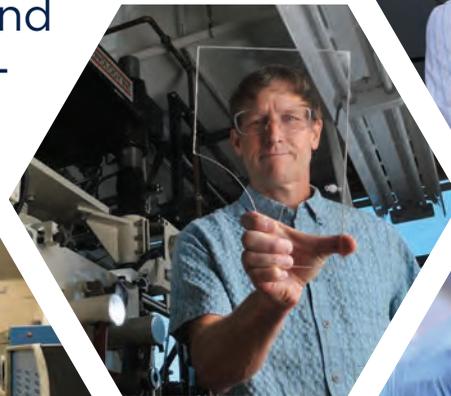
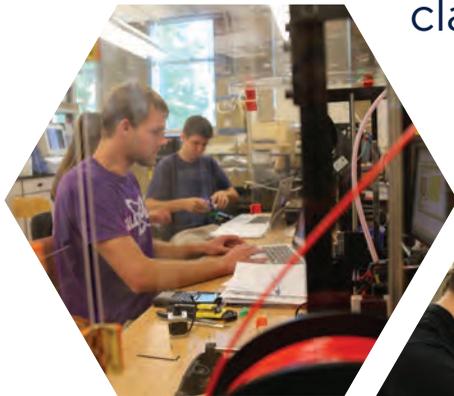
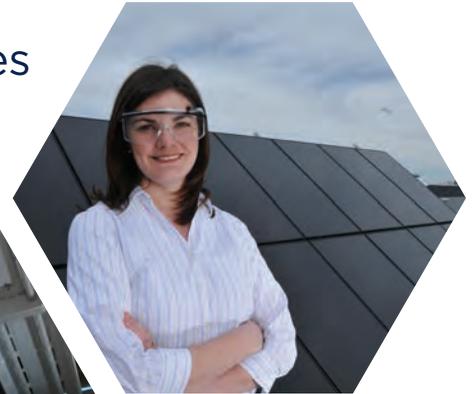


# MATERIALS SCIENCE

## GRADUATE PROGRAM



Develop world-changing science and technologies in this interdisciplinary graduate program, working with world-class faculty and state-of-the-art tools.



### RESEARCH AREAS

- Biomaterials
- Catalysts and electrocatalysts
- Ceramics
- Chemical processing
- Composites
- Computational materials science
- Electronic materials
- Enviro-material science
- Films and coatings
- Joining science
- Mechanics of materials
- Mining and petroleum materials
- Nondestructive materials assessment
- Nuclear materials
- Polymeric materials
- Surfaces and interfaces



### DEGREE PROGRAMS

- PhD and MS (thesis) programs
- Non-thesis MS degree designed for engineers and scientists in industry
- Interdisciplinary program offers choice of home department among Chemical and Biological Engineering, Chemistry, Mechanical Engineering, Metallurgical and Materials Engineering, and Physics
- Distinguished faculty and alumni include NSF CAREER Award and PECASE winners
- Funding via teaching and research assistantships

[materials.mines.edu](https://materials.mines.edu)

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303-273-3780

# MATERIALS SCIENCE

materials.mines.edu



Our graduate curriculum and research are focused on energy, environment, and materials research. Successful graduates of our program are highly sought-after by industry, national laboratories, and academia.

The 40 faculty supporting the program represent five departments across campus, drawing from their expertise in metallurgy, physics, chemical engineering,



chemistry, and mechanical engineering. These faculty are looking to work with students interested in research in their areas of expertise; in addition,

numerous projects are being pursued jointly with the National Renewable Energy Laboratory, just minutes away in Golden.

## COLORADO SCHOOL OF MINES,

founded in 1874, is a public research university devoted to engineering and applied science, and focused on educational and research programs that address the world's critical needs.

Consistently rated one of the best universities in the country, Mines is home to about 5,800 students, with about 1,200 pursuing graduate degrees,



including more than 50 students in Materials Science.

The departments that take part in the Materials Science Program generated over \$34 million in research awards in 2015.



## GOLDEN

is a lively, historic city with plenty of small-town charm.

Nestled in the foothills of the Rocky Mountains, campus is within an hour of some of the world's best ski slopes, close to national parks, and surrounded by excellent rock climbing, mountain biking, hiking and backpacking.

Just 15 minutes away is downtown Denver — a social, cultural and business center of the West.