

# MATERIALS SCIENCE AND ENGINEERING GRADUATE PROGRAMS



The Department of Materials Science & Engineering at the University of Utah recently merged with the Department of Metallurgical Engineering to create an unrivaled center of materials-engineering excellence with a strong emphasis on research and teaching through hands-on educational opportunities.

We combine chemistry and physics with engineering, using advanced experimental, modeling and computational techniques to solve industrial, environmental and clinical problems. Our graduate students perform cutting-edge research to characterize materials.

Materials science and engineering research impacts many areas of technology. Our faculty have funded projects related to nuclear energy, machine learning, material recycling, advanced sensors, energy storage, nanomaterials, and semi-conductors/photovoltaics.

Student financial support is available through fellowships and research assistantships. Eligible students may also receive paid tuition.

M.S. and Ph.D. degrees are offered in materials science & engineering as well as metallurgical engineering.

*Application fees: Ph.D. (domestic) - Free; Ph.D. (international) - \$65; MS (domestic)- \$55; MS (international) - \$65*

## JOHN AND MARCIA PRICE COLLEGE OF ENGINEERING

With strong support from the State of Utah, the college has significantly grown its facilities, equipment, and faculty. In 2023, we awarded 561 master's and doctoral degrees and reached more than \$106 million in engineering-related research expenditures (including sub awards).

## LIVING IN UTAH

Known for its world-class skiing, hiking, and other outdoor adventures, Utah is more than just place to appreciate the wonders of nature. Salt Lake City and the surrounding area is brimming with arts and culture, including fine dining, a diverse music scene, the Sundance Film Festival, and endless other entertainment options.

Utah also took the top spot in U.S. News and World Report's "Best States" ranking for 2023. National highlights include:

- #1 Economy
- #1 Job Growth
- #1 Low Debt at Higher Ed Graduation
- #1 Growth of Young Population

## RESEARCH STRENGTHS

Materials for Energy Storage and Production  
Ceramics  
Computational Materials Science  
Electronic Materials  
Nanomaterials

Polymers  
Mineral Processing  
Physical Metallurgy  
Extractive Metallurgy  
Nuclear Materials

[www.mse.utah.edu](http://www.mse.utah.edu)

 **Department of  
MATERIALS SCIENCE & ENGINEERING**  
**JOHN AND MARCIA PRICE COLLEGE OF ENGINEERING**  
THE UNIVERSITY OF UTAH

[www.price.utah.edu](http://www.price.utah.edu) /725. Central Campus Drive, Salt Lake City, UT 84112 • 801.581.6911