

# MATERIALS SCIENCE & ENGINEERING, MASTER OF SCIENCE

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College of Engineering

## The Master of Science Degree in Materials Science & Engineering

The Master of Science (M.S.) degree is aimed at preparing students for careers in research and development, or for further study in the field. Like the doctoral degree, the M.S. degree combines coursework and research, but with a more limited scope of the research project and thesis to reflect the shorter time-to-degree. After graduation, the majority of our M.S. degree graduates find jobs in industry.

Students in this degree track must complete a master's thesis consisting of a scholarly piece of computational, experimental, or theoretical research that is rigorous in terms of design, methodology, and analysis. When students have completed the majority of their coursework, they should advance to candidacy. When advancing to candidacy, students should prepare an outline of their thesis, which should include a critical evaluation of the methods and limitations of the research project and a full description of the experimental design, protocols, and data analysis.

### Degree Requirements & Program Coordinator

See Materials Science & Engineering (<https://grad.ucdavis.edu/programs/gems/>).