MATERIALS SCIENCE &  
ENGINEERING, MASTER OF  
SCIENCE

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.

Coursework Requirements

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<tr>
<th>Code</th>
<th>Title</th>
<th>Units</th>
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<td>Core Courses</td>
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For more information, see Master of Science (https://mse.engineering.ucdavis.edu/graduate/master-of-science/).