The Master of Science in Mechanical Engineering (MSME) graduate program will give you the opportunity to conduct research in the most current areas of the field. Choose from a thesis-based or project-based plan, in which you will conduct original research. Focus areas include:

- Thermo/Fluids
- Materials/Manufacturing
- Dynamics/Control
- Mechanical design and analysis

**Why UMD**

The MSME program at UMD program offers:

- Research supervision
- Excellent facilities and equipment
- A collaborative learning environment
- Faculty expertise and advice

This degree is intended for students with a research emphasis. There are two options for completing an MSME degree, a thesis option (Plan A) and a project option (Plan B).

**Requirements**

In addition to the general application instructions provided by the Graduate School, visit the MSME program page for specific application instructions and deadlines related to the program. Also visit the catalog requirements page linked above for additional information.