The Department of Mechanical Engineering offers a number of master of science (MS) degree programs in Mechanical Engineering.

- MS Mechanical Engineering: Research ([link](http://guide.wisc.edu/graduate/mechanical-engineering/mechanical-engineering-ms/mechanical-engineering-research-ms/))
- MS Mechanical Engineering: Accelerated Program ([link](http://guide.wisc.edu/graduate/mechanical-engineering/mechanical-engineering-ms/mechanical-engineering-accelerated-program-ms/))
- MS Mechanical Engineering: Automotive Engineering ([link](http://guide.wisc.edu/graduate/mechanical-engineering/mechanical-engineering-ms/mechanical-engineering-automotive-engineering-ms/))
- MS Mechanical Engineering: Modeling and Simulation in Mechanical Engineering ([link](http://guide.wisc.edu/graduate/mechanical-engineering/mechanical-engineering-ms/mechanical-engineering-modeling-simulation-mechanical-engineering-ms/))

The MS Mechanical Engineering degree with a named option in Research takes approximately two years to complete. This program has a significant research component giving students valuable hands-on research experience with mentoring by faculty in the Department of Mechanical Engineering. The MS Mechanical Engineering: Research program requires a written thesis and defense.

The MS Mechanical Engineering degree with named options in Accelerated Program and Modeling and Simulation in Mechanical Engineering; each take approximately three terms (one calendar year) to complete. These programs include only coursework.

All students are mentored by the world-class faculty in the mechanical engineering department at UW–Madison. For a list of mechanical engineering faculty along with faculty research interests, please visit our faculty directory ([link](https://directory.engr.wisc.edu/display.php?faculty?page=me&search=faculty)). For more information on research areas, see our page on research in Mechanical Engineering ([link](https://www.engr.wisc.edu/department/mechanical-engineering/research-in-mechanical-engineering/)).