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

• M.S. Mechanical Engineering: Research (2 tracks) (http://guide.wisc.edu/graduate/mechanical-engineering/mechanical-engineering-ms/mechanical-engineering-research-ms/)
  • Thesis
  • Independent Study (Fall 2021 is the final term in which students can select this track. Students admitted to Spring 2022 and beyond will be required to follow the ‘thesis’ track.)

• M.S. Mechanical Engineering: Accelerated Program (http://guide.wisc.edu/graduate/mechanical-engineering/mechanical-engineering-ms/mechanical-engineering-accelerated-program-ms/)

• M.S. Mechanical Engineering: Automotive Engineering (http://guide.wisc.edu/graduate/mechanical-engineering/mechanical-engineering-ms/mechanical-engineering-automotive-engineering-ms/)

• M.S. Mechanical Engineering: Modeling and Simulation in Mechanical Engineering (http://guide.wisc.edu/graduate/mechanical-engineering/mechanical-engineering-ms/mechanical-engineering-modeling-simulation-mechanical-engineering-ms/)

The M.S. Mechanical Engineering degree with a named option in Research takes approximately two years to complete. The thesis track has a significant research component giving students valuable hands-on research experience with mentoring by faculty in the Department of Mechanical Engineering. The independent study track has a stronger focus on coursework but also requires at least 3 credits of independent study mentored by faculty in the Department of Mechanical Engineering. (Fall 2021 is the final term in which students can select the ‘independent study’ track. Students admitted to Spring 2022 and beyond will be required to follow the ‘thesis’ track.)

The M.S. Mechanical Engineering degree with named options in Accelerated Program; Automotive Engineering; and Modeling and Simulation in Mechanical Engineering; each take approximately 3 terms (1 calendar year) to complete. These three 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 (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 (https://www.engr.wisc.edu/department/mechanical-engineering/research-in-mechanical-engineering/).