

# INDUSTRIAL ENGINEERING, MS

The Department of Industrial and Systems Engineering offers a number of master of science (MS) degree programs in Industrial Engineering:

Industrial Engineering: Research, MS (<https://guide.wisc.edu/graduate/industrial-systems-engineering/industrial-engineering-ms/industrial-engineering-research-ms/>)

Industrial Engineering: Human Factors and Health Systems Engineering, M (<http://guide.wisc.edu/graduate/industrial-systems-engineering/industrial-engineering-ms/industrial-engineering-human-factors-health-systems-engineering-ms/>) S (<https://guide.wisc.edu/graduate/industrial-systems-engineering/industrial-engineering-ms/industrial-engineering-human-factors-health-systems-engineering-ms/>)

Industrial Engineering: Systems Engineering and Analytics, MS (<http://guide.wisc.edu/graduate/industrial-systems-engineering/industrial-engineering-ms/industrial-engineering-systems-engineering-analytics-ms/>)

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

The Industrial Engineering MS degree with named options in Human Factors and Health Systems Engineering as well as Systems Engineering and Analytics are considered accelerated graduate programs. Each take approximately 16 months to complete, and must be completed within two (2) calendar years. These two programs include only coursework.

All students are mentored by the world-class faculty in the industrial and systems engineering department at UW-Madison. For a list of faculty and their corresponding research interests, please visit our faculty directory (<https://directory.engr.wisc.edu/ie/faculty/>). For more information on research areas see our page on research in Industrial and Systems Engineering (<https://engineering.wisc.edu/departments/industrial-systems-engineering/research/>).