

MANUFACTURING SYSTEMS ENGINEERING: MANUFACTURING ENGINEERING, MS

The named option in Manufacturing Systems Engineering (<https://epd.wisc.edu/online-degrees/manufacturing-systems-engineering-master-of-engineering/>) is an online master's degree designed to prepare engineering professionals to lead their manufacturing operations now and in the future. Students will gain cross-functional expertise to drive creative product and process improvement leveraging advanced tools, technologies, and automation systems.

Students in this program will learn how to:

- Analyze, compare, and contrast technical and business systems to optimize operations
- Simulate production processes and evaluate large data sets to identify areas of improvement and develop long-term strategies
- Solve problems and drive innovation to remain competitive
- Understand advanced automation and smart manufacturing technologies that will change the manufacturing processes and positively affect the business

Explore the curriculum for this program (<https://guide.wisc.edu/graduate/engineering-college-wide/engineering-meng/engineering-manufacturing-systems-engineering-meng/#requirements-text>).

UW-Madison's online engineering graduate programs are world-class degrees and are consistently ranked in the Top 20 online engineering master's programs by U.S. News & World Report.