

# Master of Science in Engineering Management

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GRAD ENGINEERING  
2023

## Start your journey on the path to engineering leadership

Want to grow your career opportunities by joining the next generation of engineering leaders?

With the Master of Science in Engineering Management (MSEM) degree you will learn to communicate across the languages of business management and engineering, drive change and innovation at work through data-driven management, and position yourself for success in high-growth industries—all from a top-ranked, part-time, interactive online graduate program that fits into your busy life.

## What You Learn

- Lead teams that solve complex engineering problems successfully
- Communicate and advocate confidently for successful, ethical results with stakeholders and decision-makers
- Analyze and interpret quantitative and qualitative data to make sound engineering and business decisions
- Deftly navigate internal and external legal, finance, marketing, and HR priorities

## How You Learn

- Classes meet online once a week; each class is available at more than one time and is recorded, so you can participate regardless of your travel schedule or location.
- You develop close, supportive relationships with fellow professionals as you progress through the core curriculum. Our graduates consistently report that the relationships they build here have lasting impacts.
- Most engineering management students complete the program in two years, and a three- or four-year plan is also available.
- Although there are no in-person requirements, each summer we offer an optional, on-campus residency for you to meet faculty and fellow students to build connections that will benefit you throughout your time in the degree program—and beyond.

I can't speak more highly about the University of Wisconsin-Madison and the level of dedication they put into their students and programs. I look forward to applying this degree to my current and future roles to best support and advance my company.

*Robert D'Alessandro, Class of 2021*

## Apply Now!

Visit [go.wisc.edu/MSEM](https://go.wisc.edu/MSEM)

## At a Glance

**Delivery:** Online

**Credits:** 30 graduate credits

**Time Frame:** 2 to 4 years

**Start Term:** Fall, Spring, and Summer

**Tuition:** \$1,300 per credit

*(resident and non-resident)*

## Admission Requirements

- Two years professional engineering work experience
- B.S. degree in engineering from an ABET-approved program
- Minimum undergraduate GPA of 3.0/4.0
- GRE is not required, considered if available
- Applicants whose native language is not English or whose undergraduate instruction was not in English must provide an English proficiency test score

Applications are reviewed in the order received. Admission is competitive and selective.

## Questions?

For more information on admission requirements, how to apply, tuition and financial aid or other questions, contact:

Michelle Gullickson

608-263-7804

[michelle.gullickson@wisc.edu](mailto:michelle.gullickson@wisc.edu)

or

[gradadmissions@interpro.wisc.edu](mailto:gradadmissions@interpro.wisc.edu)



**WISCONSIN**  
UNIVERSITY OF WISCONSIN-MADISON

# Sample Plan of Study

Two Year Plan	Class Number	Class Name	Cr.
1 <sup>st</sup> Summer	EPD 710	Foundations of Engineering Leadership	2
	EPD 785	Effective Negotiation Principles and Strategies (elective*)	1
1 <sup>st</sup> Fall	EPD 611	Engineering Economic Analysis and Management	3
	EPD 612	Technical Project Management	3
1 <sup>st</sup> Spring	EPD 617	Communicating Technical Information	3
	EPD 610	Engineering Analysis for Decision Making	3
2 <sup>nd</sup> Summer	EPD 616	Engineering Law	2
	EPD 712	Ethics for Professionals	1
2 <sup>nd</sup> Fall	EPD 613	International Engineering Strategies and Operations (elective*)	3
	EPD 614	Marketing for Technical Professionals (elective*)	3
2 <sup>nd</sup> Spring	EPD 518	Quality Engineering and Quality Management	3
	EPD 618	Applied Leadership and Management of Engineering Organizations	3

\* Electives beyond those shown include: Fostering and Leading Innovation, Change Management, and other online engineering courses.

Listed courses and schedule are subject to change

## Benefits

### Proven, career-accelerating curriculum

You learn from the best: UW-Madison's online engineering graduate programs are consistently top-ranked by *U.S. News & World Report*.

### Immediately applicable in your work without disrupting your career

In our program, what you study is directly tied to what you're doing on the job. Course projects often incorporate your work projects. This way, you can immediately apply what you're learning to your career.

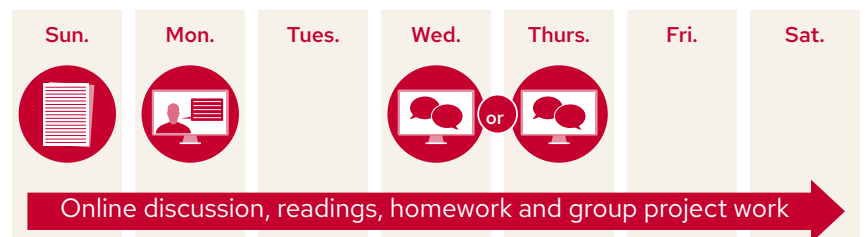
### Bridges the gap between engineering and business management

Our students and alumni consistently point to the value of the lifelong network they develop through our programs—built through teamwork, challenges, and projects—which reinforce learned management skills.

Learn more at [go.wisc.edu/MSEM](http://go.wisc.edu/MSEM)

## The right, proven mix of structure and flexibility to support your success

The Engineering Management courses follow a consistent rhythm to help you work with your busy schedule. Readings and recordings are assigned at the beginning of the week, and you can choose between two web conferences that best fit your busy schedule. Throughout the week you will participate in online discussions, work on individual homework, and work collaboratively with your team on projects. Every Sunday, the week's homework is due.



## College of Engineering • Interdisciplinary Professional Programs

432 North Lake Street Madison, Wisconsin 53706  
800.462.0876 or 608.262.2061 • [interpro.wisc.edu](http://interpro.wisc.edu)