

ENGINEERING, M.ENG.

OUR PROGRAMS

We improve the practice of engineering by providing world-class, objective continuing education and credit instruction for technical professionals.

Programs are structured to help you as a working professional continue your educational path without interrupting your career. You will be empowered, engaged, and more passionate about your career after completing a degree program from UW–Madison. You will have the confidence and skills to take your projects or your responsibilities to the next level. UW–Madison's instructors are leading experts from industry, research, private practice, government, and education.

The named options are:

- Master of Engineering–Named Option: Engine Systems (<http://guide.wisc.edu/graduate/engineering-college-wide/engineering-meng/engineering-engine-systems-meng/>)
- Master of Engineering–Named Option: Engineering Data Analytics (<http://guide.wisc.edu/graduate/engineering-college-wide/engineering-meng/engineering-engineering-data-analytics-meng/>)
- Master of Engineering–Named Option: Engineering Management (<http://guide.wisc.edu/graduate/engineering-college-wide/engineering-meng/engineering-engineering-management-meng/>)
- Master of Engineering–Named Option: Manufacturing Systems Engineering (<http://guide.wisc.edu/graduate/engineering-college-wide/engineering-meng/engineering-manufacturing-systems-engineering-meng/>)
- Master of Engineering– (<http://guide.wisc.edu/graduate/engineering-college-wide/engineering-meng/engineering-polymer-engineering-meng/>) Named Option: Polymer Engineering (<http://guide.wisc.edu/graduate/engineering-college-wide/engineering-meng/engineering-polymer-engineering-meng/>)
- Master of Engineering–Named Option: Sustainable Systems Engineering (<http://guide.wisc.edu/graduate/engineering-college-wide/engineering-meng/engineering-sustainable-systems-engineering-meng/>)

ADMISSIONS

Students apply to the Master of Engineering in Engineering through one of the named options:

- Master of Engineering–Named Option: Engine Systems (<http://guide.wisc.edu/graduate/engineering-college-wide/engineering-meng/engineering-engine-systems-meng/>)
- Master of Engineering–Named Option: Engineering Data Analytics (<http://guide.wisc.edu/graduate/engineering-college-wide/engineering-meng/engineering-engineering-data-analytics-meng/>)
- Master of Engineering–Named Option: Engineering Management (<http://guide.wisc.edu/graduate/engineering-college-wide/engineering-meng/engineering-engineering-management-meng/>) (suspended, will be discontinued)
- Master of Engineering–Named Option: Manufacturing Systems Engineering (<http://guide.wisc.edu/graduate/engineering-college-wide/engineering-meng/engineering-manufacturing-systems-engineering-meng/>) (suspended, will be discontinued)

- Master of Engineering–Named Option: Polymer Engineering (<http://guide.wisc.edu/graduate/engineering-college-wide/engineering-meng/engineering-polymer-engineering-meng/>)
- Master of Engineering–Named Option: Sustainable Systems Engineering (<http://guide.wisc.edu/graduate/engineering-college-wide/engineering-meng/engineering-sustainable-systems-engineering-meng/>)

FUNDING

GRADUATE SCHOOL RESOURCES

Resources to help you afford graduate study might include assistantships, fellowships, traineeships, and financial aid. Further funding information (<https://grad.wisc.edu/funding/>) is available from the Graduate School. Be sure to check with your program for individual policies and restrictions related to funding.

PROGRAM RESOURCES

Students in the Engineering M.Eng. programs are not permitted to accept teaching assistantships, project assistantships, research assistantships or other appointments that would result in a tuition waiver. Students in these programs cannot enroll in other graduate programs nor take courses outside the prescribed curriculum. If you intend to combine study in this program with other academic programs at UW–Madison, please contact Interdisciplinary Professional Program's Student Services Department (studentservices@interpro.wisc.edu).

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum academic progress and degree requirements (<http://guide.wisc.edu/graduate/#policiesandrequirements>), in addition to the program requirements listed below.

MAJOR REQUIREMENTS CURRICULAR REQUIREMENTS

Requirement Detail

Minimum Credit Requirement	30 credits
Minimum Residence Credit Requirement	16 credits
Minimum Graduate Coursework Requirement	See one of the M.Eng. named options (linked below) for specific requirement information.
Overall Graduate GPA Requirement	3.00 GPA required. This program follows the Graduate School's GPA Requirement policy (https://policy.wisc.edu/library/UW-1203) (https://policy.wisc.edu/library/UW-1203/).

Other Grade Must retake any courses for which a grade below C is
Requirements recorded.

Assessments No formal examination required.
and
Examinations

Language No language requirements.
Requirements

REQUIRED COURSES

Select a named option (p. 2) for courses required.

NAMED OPTIONS

A named option is a formally documented sub-major within an academic major program. Named options appear on the transcript with degree conferral. Students pursuing the Master of Engineering in Engineering must select one of the following named options:

View as listView as grid

- ENGINEERING: ENGINE SYSTEMS, M.ENG. ([HTTP://GUIDE.WISC.EDU/GRADUATE/ENGINEERING-COLLEGE-WIDE/ENGINEERING-MENG/ENGINEERING-ENGINE-SYSTEMS-MENG/](http://GUIDE.WISC.EDU/GRADUATE/ENGINEERING-COLLEGE-WIDE/ENGINEERING-MENG/ENGINEERING-ENGINE-SYSTEMS-MENG/))
- ENGINEERING: ENGINEERING DATA ANALYTICS, M.ENG. ([HTTP://GUIDE.WISC.EDU/GRADUATE/ENGINEERING-COLLEGE-WIDE/ENGINEERING-MENG/ENGINEERING-ENGINEERING-DATA-ANALYTICS-MENG/](http://GUIDE.WISC.EDU/GRADUATE/ENGINEERING-COLLEGE-WIDE/ENGINEERING-MENG/ENGINEERING-ENGINEERING-DATA-ANALYTICS-MENG/))
- ENGINEERING: ENGINEERING MANAGEMENT, M.ENG. ([HTTP://GUIDE.WISC.EDU/GRADUATE/ENGINEERING-COLLEGE-WIDE/ENGINEERING-MENG/ENGINEERING-ENGINEERING-MANAGEMENT-MENG/](http://GUIDE.WISC.EDU/GRADUATE/ENGINEERING-COLLEGE-WIDE/ENGINEERING-MENG/ENGINEERING-ENGINEERING-MANAGEMENT-MENG/))
- ENGINEERING: MANUFACTURING SYSTEMS ENGINEERING, M.ENG. ([HTTP://GUIDE.WISC.EDU/GRADUATE/ENGINEERING-COLLEGE-WIDE/ENGINEERING-MENG/ENGINEERING-MANUFACTURING-SYSTEMS-ENGINEERING-MENG/](http://GUIDE.WISC.EDU/GRADUATE/ENGINEERING-COLLEGE-WIDE/ENGINEERING-MENG/ENGINEERING-MANUFACTURING-SYSTEMS-ENGINEERING-MENG/))
- ENGINEERING: POLYMER ENGINEERING, M.ENG. ([HTTP://GUIDE.WISC.EDU/GRADUATE/ENGINEERING-COLLEGE-WIDE/ENGINEERING-MENG/ENGINEERING-POLYMER-ENGINEERING-MENG/](http://GUIDE.WISC.EDU/GRADUATE/ENGINEERING-COLLEGE-WIDE/ENGINEERING-MENG/ENGINEERING-POLYMER-ENGINEERING-MENG/))
- ENGINEERING: SUSTAINABLE SYSTEMS ENGINEERING, M.ENG. ([HTTP://GUIDE.WISC.EDU/GRADUATE/ENGINEERING-COLLEGE-WIDE/ENGINEERING-MENG/ENGINEERING-SUSTAINABLE-SYSTEMS-ENGINEERING-MENG/](http://GUIDE.WISC.EDU/GRADUATE/ENGINEERING-COLLEGE-WIDE/ENGINEERING-MENG/ENGINEERING-SUSTAINABLE-SYSTEMS-ENGINEERING-MENG/))

POLICIES

Students should refer to one of the named options for policy information:

- Master of Engineering–Named Option: Engine Systems (<http://guide.wisc.edu/graduate/engineering-college-wide/engineering-meng/engineering-engine-systems-meng/>)
- Master of Engineering–Named Option: Engineering Data Analytics (<http://guide.wisc.edu/graduate/engineering-college-wide/engineering-meng/engineering-engineering-data-analytics-meng/>)
- Master of Engineering–Named Option: Engineering Management (<http://guide.wisc.edu/graduate/engineering-college-wide/engineering-meng/engineering-engineering-management-meng/>) (suspended, will be discontinued)
- Master of Engineering–Named Option: Manufacturing Systems Engineering (<http://guide.wisc.edu/graduate/engineering-college->)

wide/engineering-meng/engineering-manufacturing-systems-engineering-meng/) (suspended, will be discontinued)

- Master of Engineering–Named Option: Polymer Engineering (<http://guide.wisc.edu/graduate/engineering-college-wide/engineering-meng/engineering-polymer-engineering-meng/>)
- Master of Engineering–Named Option: Sustainable Systems Engineering (<http://guide.wisc.edu/graduate/engineering-college-wide/engineering-meng/engineering-sustainable-systems-engineering-meng/>)

PROFESSIONAL DEVELOPMENT

GRADUATE SCHOOL RESOURCES

Take advantage of the Graduate School's professional development resources (<https://grad.wisc.edu/pd/>) to build skills, thrive academically, and launch your career.

LEARNING OUTCOMES

1. Demonstrate a strong understanding of mathematical, scientific, and engineering principles in the field.
2. Demonstrate an ability to formulate, analyze and independently solve advanced engineering problems.
3. Apply the relevant scientific and technological advancements, techniques and engineering tools to address these problems.
4. Recognize and apply principles of ethical and professional conduct.