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: 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–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: 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/)

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 Engineering Professional Development’s Student Services Department (s (shainah.greene@wisc.edu)) or other appointments that would result in a tuition waiver.

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

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

MAJOR REQUIREMENTS

CURRICULAR REQUIREMENTS

<table>
<thead>
<tr>
<th>Requirements</th>
<th>Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Credit Requirement</td>
<td>30 credits</td>
</tr>
<tr>
<td>Minimum Residence Credit Requirement</td>
<td>16 credits</td>
</tr>
<tr>
<td>Minimum Graduate Coursework Requirement</td>
<td>See one of the M.Eng. named options (linked below) for specific requirement information.</td>
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<tr>
<td>Overall Graduate GPA Requirement</td>
<td>3.00 GPA required.</td>
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<tr>
<td>Other Grade Requirements</td>
<td>Must retake any courses for which a grade below C is recorded.</td>
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<tr>
<td>Assessments and Examinations</td>
<td>No formal examination required.</td>
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</tbody>
</table>
Language Requirements
No language 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 list

- ENGINEERING: ENGINE SYSTEMS, M.ENG. (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/)
- ENGINEERING: ENGINEERING MANAGEMENT, M.ENG. (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/)
- ENGINEERING: POLYMER ENGINEERING, M.ENG. (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/)
- ENGINEERING: TECHNICAL JAPANESE, M.ENG. (http://guide.wisc.edu/graduate/engineering-college-wide/engineering-meng/engineering-technical-japanese-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 background in engineering principles and a thorough knowledge of the latest engineering principles in the field.
2. Demonstrate practical engineering experience that will be immediately applicable in the workplace.
3. Demonstrate an ability to formulate, analyze, and solve advanced engineering problems.
4. Demonstrate creative, independent problem solving skills.
5. Apply the latest scientific and technological advancements, advanced techniques, and modern engineering tools to these problems.
6. Employ knowledge and practice of career-enhancing competencies that enhance professional opportunities and personal success.
7. Recognize and apply principles of ethical and professional conduct.

POLICIES

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

- 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–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/)