

# MECHANICAL ENGINEERING: ACCELERATED PROGRAM, MS

## REQUIREMENTS

### MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum degree requirements (<https://guide.wisc.edu/graduate/#requirementstext>) and policies (<https://guide.wisc.edu/graduate/#policiestext>), in addition to the program requirements listed below.

### NAMED OPTION REQUIREMENTS

Face to Face	Evening/Weekend	Online	Hybrid	Accelerated
Yes	No	No	No	Yes

#### Mode of Instruction Definitions

**Accelerated:** Accelerated programs are offered at a fast pace that condenses the time to completion. Students typically take enough credits aimed at completing the program in a year or two.

**Evening/Weekend:** Courses meet on the UW-Madison campus only in evenings and/or on weekends to accommodate typical business schedules. Students have the advantages of face-to-face courses with the flexibility to keep work and other life commitments.

**Face-to-Face:** Courses typically meet during weekdays on the UW-Madison Campus.

**Hybrid:** These programs combine face-to-face and online learning formats. Contact the program for more specific information.

**Online:** These programs are offered 100% online. Some programs may require an on-campus orientation or residency experience, but the courses will be facilitated in an online format.

### CURRICULAR REQUIREMENTS

#### Requirement Detail

Minimum Credit Requirement 30 credits

Minimum Residence Credit Requirement 18 credits

Minimum Graduate Coursework Requirement 15 credits must be graduate-level coursework. Refer to the Graduate School: Minimum Graduate Coursework (50%) Requirement policy: <https://policy.wisc.edu/library/UW-1244> (<https://policy.wisc.edu/library/UW-1244/>).

Overall Graduate GPA Requirement 3.00 GPA required. Refer to the Graduate School: Grade Point Average (GPA) Requirement policy: <https://policy.wisc.edu/library/UW-1203> (<https://policy.wisc.edu/library/UW-1203/>).

Other Grade Requirements Students must earn a C or above in all required coursework.

Students may not have any more than two incompletes on their record at any one time.

Assessments and Examinations None.

Language Requirements No language requirements.

### REQUIRED COURSES

All courses for the Mechanical Engineering graduate program must be numbered 400 and above. Exception: Up to two courses (6 credits) numbered 300-399 in engineering, math, or the sciences taken at UW-Madison can also be used towards the formal course credit requirement. These courses can be from Mechanical Engineering (M E ([https://guide.wisc.edu/courses/m\\_e/](https://guide.wisc.edu/courses/m_e/))) and/or Engineering Mechanics (E M A ([https://guide.wisc.edu/courses/e\\_m\\_a/](https://guide.wisc.edu/courses/e_m_a/))) only if approved by the student's advisor and the Mechanical Engineering graduate committee. No thesis/research credits are permitted.

Code	Title	Credits
<b>Graduate Seminar</b>		
Two semesters of seminar, successfully completed, are required. These should be taken during the first two semesters (Fall and Spring).		
M E 903	Graduate Seminar (taken twice)	0
<b>Formal Credits Requirement <sup>1</sup></b>		
Complete the following requirements (requirements may overlap)		24
Minimum 24 formal course credits		
Minimum 15 formal credits in Mechanical Engineering (M E) courses taken at UW-Madison <sup>2</sup>		
<b>Remaining Courses</b>		
Minimum 6 credits from Formal Course Requirement (above) or following courses:		6
M E 699	Advanced Independent Study	
M E 702	Graduate Cooperative Education Program	
Seminar Credits <sup>3</sup>		
<b>Total Credits</b>		<b>30</b>

<sup>1</sup> Formal credits/courses are any course offering that is not a seminar course, thesis/research course, independent study, co-op/internship, etc.

<sup>2</sup> For a list of mechanical engineering courses numbered 400 and above, review Mechanical Engineering (M E ([https://guide.wisc.edu/courses/m\\_e/](https://guide.wisc.edu/courses/m_e/))) offerings.

<sup>3</sup> Maximum 3 credits of seminar coursework permitted within program/degree.

### **Advisor Approval of Study Plan**

The faculty advisor must always approve the courses a student takes in the MS program. Students should schedule an appointment with their advisor when selecting their courses. During the final semester, the faculty advisor will review the courses taken again and if approved, sign the warrant request form.

### **Other Policy**

Students in this program may not take courses outside the prescribed curriculum without faculty advisor and program director approval. Students in this program cannot enroll concurrently in other undergraduate or graduate degree programs.