ENGINEERING MANAGEMENT, MS

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
MODE OF INSTRUCTION

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

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

Requirements	Detail
Minimum Credit Requirement	30 credits
Minimum Residence Credit Requirement	16 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	Must retake any courses for which a grade below C is recorded.
Assessments and Examinations	n/a
Language Requirements	No language requirements.

REQUIRED COURSES

Code	Title	Credits
Core		
E P D 518	Quality Engineering and Quality Management	3
E P D 610	Engineering Analysis for Decision Making	3
E P D 611	Engineering Economics and Management	3
E P D 612	Technical Project Management	3
E P D 616	Engineering Law	2
E P D 617	Communicating Technical Information	3
E P D 618	Applied Leadership and Management of Engineering Organizations	3
E P D 710	Foundations of Engineering Leadership	2
E P D 712	Ethics for Professionals	1
Select 6 elective credits from these courses		**6**
E P D 613	International Engineering Strategies and Practices	
E P D 614	Marketing for Technical Professionals	
E P D 619	Fostering and Leading Innovation	
(Students may not take both E P D 619 and E P D 708 for credit.)		
I SY E 412	Fundamentals of Industrial Data Analytics	
Select 1 elective credit from these courses		**1**
E P D 706	Change Management	
E P D 708	Creating Breakthrough Innovations	
(Students may not take both E P D 619 and E P D 708 for credit.)		
E P D/GEN BUS/ M H R 785	Effective Negotiation Strategies	
Total Credits		**30**

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.