Admissions to the Mechanical Engineering, M.Eng. have been suspended as of fall 2020 and will be discontinued as of fall 2021. If you have any questions, please contact the department.

Students interested in the Mechanical Engineering M.Eng. degree should see information on its named option in Polymer Science (http://guide.wisc.edu/graduate/mechanical-engineering/mechanical-engineering-meng/mechanical-engineering-polymer-science-meng/#text).

Admissions to the Mechanical Engineering, M.Eng. have been suspended as of fall 2020 and will be discontinued as of fall 2021. If you have any questions, please contact the department.

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

Federal Loans

Students who are U.S. citizens or permanent residents are eligible to receive some level of funding through the federal direct loan program. These loans are available to qualified graduate students who are taking at least 4 credits during the fall and spring semesters, and 2 credits during summer. Private loans are also available. Learn more about financial aid at financialaid.wisc.edu (https://financialaid.wisc.edu/).

Employer Support

Many students receive some financial support from their employers. Often, students find it beneficial to sit down with their employer and discuss how this program applies to their current and future responsibilities. Other key points to discuss include how participation will not interrupt your work schedule.

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

Mode of Instruction Definitions

Accelerated: Accelerated programs are offered at a fast pace that condenses the time to completion. Students are able to complete a program with minimal disruptions to careers and other commitments.

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

At least 50% of credits applied toward the graduate degree credit requirement must be completed in graduate-level coursework; courses with the Graduate Level Coursework attribute are identified and searchable in the university’s Course Guide.

Overall Graduate GPA Requirement

3.00 GPA required.

Other Grade Requirements

Students must earn a C or above in all formal coursework.

Assessments and Examinations

None.

Language Requirements

No language requirements.

Required Courses

See coursework requirements for the named option in Polymer Science (p. 1).

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 Mechanical Engineering must select the named option:

View as list
View as grid
MECHANICAL ENGINEERING: POLYMER SCIENCE, M.ENG. (HTTP://GUIDE.WISC.EDU/GRADUATE/MECH-ENGINEERING/MECH-ENGINEERING-MENG/MECH-ENGINEERING-POLYMER-SCIENCE-MENG/)

POLICIES

See the named option for policy information:

- Polymer Science (https://guide.wisc.edu/graduate/mechanical-engineering/mechanical-engineering-meng/mechanical-engineering-polymer-science-meng/#text)

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 solve advanced engineering problems.
3. Demonstrate creative, independent problem solving skills.
4. Apply the latest scientific and technological advancements, advanced techniques, and modern engineering tools to these problems.
5. Recognize and apply principles of ethical and professional conduct.

PEOPLE

PROFESSORS

Darryl Thelen (Chair)
Jaal Ghandhi
Dan Negrut
Gregory F. Nellis
Tim Osswald
Frank Pfefferkorn
John Pfotenhauer
Xiaoping Qian
Doug Reindl
David Rothamer
Scott T. Sanders
Vadim Shapiro
Krishnan Suresh
Lih-sheng Turng

ASSOCIATE PROFESSORS

Melih Eriten
Christian Franck
Sage Kokjohn
Tom N. Krupenkin
Franklin Miller

MARIO F. TRUIJILLO
Michael Zinn

ASSISTANT PROFESSORS

Peter Adamczyk
Mark Anderson
Joseph Andrews
Lianyi Chen
Corinne Henak
Sangkee Min
Wenxiao Pan
Alejandro Roldan-Alzate
Josh Roth
Shiva Rudraraju
Stephen Rudykh
Dakota Thompson
Mike Wagner
Xiangru Xu

See also Mechanical Engineering Faculty Directory (https://directory.engr.wisc.edu/me/faculty/).