

MECHANICAL ENGINEERING: MODELING AND SIMULATION IN MECHANICAL ENGINEERING, M.S.

ADMISSIONS

Please consult the table below for key information about this degree program's admissions requirements. The program may have more detailed admissions requirements, which can be found below the table or on the program's website.

Graduate admissions is a two-step process between academic programs and the Graduate School. **Applicants must meet** the minimum requirements (<https://grad.wisc.edu/apply/requirements/>) **of the Graduate School as well as the program(s)**. Once you have researched the graduate program(s) you are interested in, apply online (<https://grad.wisc.edu/apply/>).

Requirements	Detail
Fall Deadline	December 15
Spring Deadline	October 1
Summer Deadline	December 15
GRE (Graduate Record Examinations)	Required.*
English Proficiency Test	Every applicant whose native language is not English or whose undergraduate instruction was not in English must provide an English proficiency test score and meet the Graduate School minimum requirements (https://grad.wisc.edu/apply/requirements/#english-proficiency).
Other Test(s) (e.g., GMAT, MCAT)	n/a
Letters of Recommendation Required	3**

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1) Due to COVID-19, GRE scores will not be required for applications to Mechanical Engineering graduate programs for admission to the Spring 2023, Summer 2023, and Fall 2023 terms.

2) Applicants earning a degree from the following UW-Madison B.S. programs are not required to submit GRE scores for the Master of Science in Mechanical Engineering, Modeling and Simulation in Mechanical Engineering application: (1) any program in the College of Engineering, (2) Computer Sciences, (3) Department of Biological Systems Engineering, or (4) the Applied Mathematics, Engineering and Physics program. All other applicants must submit GRE scores.

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Applicants earning a degree from the following UW-Madison B.S. programs are not required to obtain any letters of recommendation: any program in the College of Engineering, Computer Sciences, Department of Biological Systems Engineering, or the Applied Mathematics, Engineering and Physics program. *Within the Graduate School application, in the letters of recommendation section, you will need to enter at least one contact. Enter your name, your email address and then select to send the request later. This will allow you to get past this section of the application.*

APPLICATION REQUIREMENTS and PROCESS

Degree: Most applicants have a Bachelor of Science in Mechanical Engineering. Students with a Bachelor of Science in other engineering or physical and natural science disciplines will be considered for admission. International applicants must have a degree comparable to a regionally accredited U.S. bachelor's degree.

GPA: The Department of Mechanical Engineering prefers a 3.2/4.0 GPA. The minimum GPA to be reviewed by the admission committee is 3.0/4.0.

GRE: The GRE requirement is waived for applications to the Spring 2023, Summer 2023, and Fall 2023 terms. Any scores submitted will not be reviewed.

Each application must include the following:

- Graduate School Application (<https://grad.wisc.edu/apply/>)
- Academic transcripts
- Statement of purpose
- Resume/CV
- Three letters of recommendation (*see below for exception*)
- English Proficiency Score (*if required*)
- Application Fee

All applicants must satisfy requirements that are set forth by the Graduate School (<https://grad.wisc.edu/apply/requirements/>). Upon acceptance, students without Mechanical Engineering Bachelor of Science degrees may be required to complete one or more courses in addition to degree requirements to satisfy any deficiencies (this requirement cannot be determined prior to admission).

DEADLINES

To apply to the Mechanical Engineering program, complete applications (<https://grad.wisc.edu/apply/>), including supportive materials, must be submitted as described below and received by the following deadline dates:

- Fall Semester—December 15
- Spring Semester—October 1
- Summer Session—December 15

ACADEMIC TRANSCRIPT

Electronically submit one copy of your transcript of all undergraduate and previous graduate work along with your online application to the Graduate School. Unofficial copies of transcripts will be accepted for review, but official copies are required for admitted students. Please do not send transcripts or any other application materials to the Graduate School or the Mechanical Engineering department unless requested. Please review the requirements set by the Graduate School (<https://>

grad.wisc.edu/apply/requirements/) for additional information about degrees/transcripts.

STATEMENT OF PURPOSE

In this document, applicants should explain why they want to pursue further education in Mechanical Engineering (see the Graduate School for more advice on how to structure a personal statement (<https://grad.wisc.edu/apply/prepare/>)).

RESUME

Upload your resume in your application.

THREE LETTERS OF RECOMMENDATION

These letters are required from people who can accurately judge the applicant's academic and/or work performance. Letters of recommendation are submitted electronically to graduate programs through the online application. See the Graduate School for FAQs (<https://grad.wisc.edu/apply/>) regarding letters of recommendation.

Exception: Applicants earning a degree from the following UW-Madison B.S. programs are not required to obtain any letters of recommendation: any program in the College of Engineering, Computer Sciences, Department of Biological Systems Engineering, or the Applied Mathematics, Engineering and Physics program. *Within the Graduate School application, in the letters of recommendation section, you will need to enter at least one contact. Enter your name, your email address and then select to send the request later. This will allow you to get past this section of the application.*

GRE SCORES

The GRE requirement is waived for applications to the Spring 2023, Summer 2023, and Fall 2023 terms. Any scores submitted will not be reviewed.

ENGLISH PROFICIENCY SCORE

Every applicant whose native language is not English, or whose undergraduate instruction was not in English, must provide an English proficiency test score. The UW-Madison Graduate School accepts TOEFL or IETLS scores. Your score will not be accepted if it is more than two years old from the start of your admission term. Country of citizenship does not exempt applicants from this requirement. Language of instruction at the college or university level and how recent the language instruction was taken are the determining factors in meeting this requirement.

For more information regarding minimum score requirements and exemption policy, please see the Graduate School Requirements for Admission (<https://grad.wisc.edu/apply/requirements/>).

APPLICATION FEE

Submission must be accompanied by the one-time application fee. It is non-refundable and can be paid by credit card (Master Card or Visa) or debit/ATM. Information about the application fee may be found here (<https://grad.wisc.edu/apply/>) (scroll to the 'Frequently asked questions').

Fee grants are only available through the conditions outlined here by the Graduate School (<https://grad.wisc.edu/apply/fee-grant/>). The Department of Mechanical Engineering is unable to offer fee grants for applicants to this program.

QUESTIONS:

If you have questions, please contact megradadmission@engr.wisc.edu.

RE-ENTRY ADMISSIONS

If you were previously enrolled as a graduate student in the Department of Mechanical Engineering, have not earned your degree, but have had a break in enrollment for a minimum of a fall or spring term, you will need to re-apply to resume your studies. Please review the Graduate School requirements for previously enrolled students (<https://policy.wisc.edu/library/UW-1230/>). Your previous faculty advisor (or another ME faculty advisor) must be willing to supply advising support and should e-mail the ME Graduate Student Services Coordinator regarding next steps in the process.

If you were previously enrolled in a UW-Madison graduate degree, completed that degree, have had a break in enrollment since earning the degree and would now like to apply for another UW-Madison program; you are required to submit a new student application through the UW-Madison Graduate School online application. For ME graduate programs, you must follow the entire application process as described above.

CURRENTLY ENROLLED GRADUATE STUDENT ADMISSIONS

Students currently enrolled as a graduate student at UW-Madison, whether in ME or a non-ME graduate program, wishing to apply to this degree program should contact the ME Graduate Admissions Team (megradadmission@engr.wisc.edu) to inquire about the process and deadlines several months in advance of the anticipated enrollment term. Current students may apply to change or add programs for any term (fall, spring, or summer).

QUESTIONS:

If you have questions, please contact megradadmission@engr.wisc.edu.