

What are the Admissions Requirements?

An applicant may be admitted to the Graduate School as either a regular degree student or a provisional degree student. For acceptance into the Department of Mechanical Engineering, the following requirements must be met.

Minimum standards for application:

1. Hold a baccalaureate degree in engineering, sciences, or mathematics from an institution accredited by an agency recognized by the U.S. Department of Education.
2. Have undergraduate courses in calculus, linear algebra, and differential equations.
3. Have two semesters of undergraduate calculus-based physics.
4. Have at least two semesters of upper-division undergraduate courses in engineering or physics.
5. Have an undergraduate grade point average of at least 3.2
6. Provide three letters of recommendation.
7. Provide a personal statement of academic and research interests.
8. Fill in subspecialty field as follows: Applicants without a masters degree indicate [track choice](#). Ph.D. Applicants with a previous masters degree indicate area of research interest.
9. If applying for PhD, GRE scores are required. Preferred but not required GRE scores are 153 or better Verbal, 159 or better Quantitative and 4.5 writing, and the desired undergraduate GPA is 3.5
10. If applying for MS, GRE scores are required. Preferred but not required GRE scores are 153 or better Verbal, 159 or better Quantitative and 4.5 writing, and the desired undergraduate GPA is 3.2
11. If International, TOEFL scores are required (unless the native language of your country is English, or you have studied at an English speaking university for at least a year)
The minimum TOEFL scores required are as follows:
MS Applicants: 550 PBT, 213 CBT, 79 IBT. (6.5 for IELTS)
PhD Applicants: 600 PBT, 250 CBT, 100 IBT (7.5 for IELTS)

TOTAL SCORES

TOEFL	IELTS
35	5.0
46	5.5
60	6.0
79	6.5
94	7.0
102	7.5
110	8.0
115	8.5

Recent department GRE and GPA statistics that may help with your decision to apply:

The average scores of Ph.D. students admitted to our department for fall 2014 were:

GRE - Verbal: 157, Quantitative: 163, and Analytical: 3.86 GPA: 3.63

The average scores of MS students admitted to our department for fall 2014 were:

GRE - Verbal: 156, Quantitative: 162, and Analytical: 3.96, GPA: 3.50

In evaluating applicants for admission, the Admissions Committee relies on the completed application form, the report of GRE scores, your undergraduate GPA and official transcripts, as well as your statement of purpose and recommendations from persons who have had an opportunity to observe your ability and performance. Your GRE scores and GPA are considered in the context of the entire application. The quality of your undergraduate institution will be considered. Substantial consideration is accorded to special qualities such as motivation, undergraduate program, diversity in economic, social, or cultural background, employment or other experience, leadership, and perseverance in overcoming personal handicaps or disadvantages. Graduate level work is also considered.

Prospective students with a B.S. degree may be admitted to either the M.S. program (thesis or non-thesis option) or the Ph.D. program by indicating their preference in the application.

Provisional Degree students who do not meet the requirements for admission as regular degree students may be recommended for provisional degree status. With the concurrence of the dean of the Graduate School, these students are admitted to a probationary term of either one or two semesters of full-time study or the equivalent for part-time students. At the end of the specified probationary period, provisional degree students must be either admitted to regular degree status or dismissed from the graduate program. To be changed to regular degree status a student must maintain a 3.25 grade point average in 12 hours of graduate course work over two semesters.

Students with undergraduate degrees in all areas of engineering are encouraged to apply. Students with undergraduate degrees in mathematics, physics, chemistry and other physical sciences are also encouraged to apply if they meet the minimum admissions standards noted in General Inquiries.