Industrial Engineering, MS

Admission

Applicants must meet the admission requirements of the Graduate College; for detailed information about Graduate College policies, see the Manual of Rules and Regulations on the Graduate College website.

Admission to the graduate program is competitive and based on an applicant’s previous coursework, research, and industrial experience. The general admission standards are intended to maintain the quality of the graduate program and to ensure sufficient preparation required for timely degree completion. Specific admission standards may be waived by the Graduate Admissions Committee when other evidence of competence is compelling. These standards are minimum standards, and meeting these standards does not ensure admission to the program; admitted students typically exceed these standards.

Applicants are expected to have a minimum cumulative grade-point average of 3.00 on a 4.00 scale, and have earned a BSE in industrial engineering degree or in a related science or engineering discipline. Applicants are not required to submit the results of their Graduate Record Examination (GRE) General Test.

International applicants whose first language is not English are required to submit the results of their Test of English as a Foreign Language (TOEFL), International English Language Testing System (IELTS), or Duolingo English Test (DET). Applicants who have completed a post-secondary degree at an English-speaking institution may request a waiver of this requirement. A minimum TOEFL score of 100, a minimum IELTS score of 7, or a minimum DET score of 105 is required for admission.

Applicants must arrange to have three letters of recommendation sent to the department online through the University of Iowa Office of Admissions website. The letters should be completed by persons who are well acquainted with the applicant and the ability of the applicant to undertake graduate work in industrial or systems engineering.

While the department considers applications at any time, first consideration is given to students who have completed MS degrees in other scientific disciplines, such as computer science, mathematics, physics, or other engineering disciplines, to apply for admission. Some students may have already completed MS degrees; however, these students are expected to attain proficiency in specified core areas of industrial and systems engineering equivalent to entering graduate students who hold a BSE degree in industrial engineering. The background of each student admitted to the program with a degree other than in industrial or systems engineering is reviewed by the faculty members. These proficiencies are intended to ensure that each admitted graduate student is able to fully participate in all industrial and systems engineering discipline areas at some level, even while advanced courses in certain areas may not be immediately accessible to all graduate students. The director of graduate studies specifies in writing any remedial courses required of a student.

Degree Program Selection

Unless otherwise specified, graduate students in the Department of Industrial and Systems Engineering are enrolled in the MS nonthesis program. If a student and faculty member have jointly agreed a student may pursue the MS with thesis option, the student may be admitted into the thesis track.