

MS in Industrial Engineering

Admission Requirements

In addition to the Graduate College minimum requirements, applicants must meet the following program requirements:

- **Baccalaureate Field** Industrial engineering or a related curriculum. The degree must be from an American Board of Engineering Technology (ABET) accredited college or university or the equivalent.
- **Grade Point Average** At least 3.00/4.00 for the final 60 semester hours (90 quarter hours) of undergraduate study. A grade point average of at least 3.50 is preferred for applicants to the PhD program.
- **Minimum English Competency Test Score**
 - **TOEFL** 80, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21 (iBT Test); 60, with subscores of Reading 19, Listening 17, Writing 21 (revised Paper-Delivered Test), **OR**,
 - **IELTS** 6.5, with subscores of 6.0 for all four subscores, **OR**,
 - **PTE-Academic** 54, with subscores of Reading 51, Listening 47, Speaking 53, and Writing 56.
- **Letters of Recommendation** Three required.
- **Personal Statement** Required.
- **Other Requirements** Admission to the PhD program is not automatic for students completing their MS degree in the department. Master's students who desire to continue on to the PhD must see the department's graduate coordinator for forms to apply to the PhD program.
- **Nondegree Applicants** Nondegree applicants may be admitted for no more than 8 semester hours.
- **Deadlines** The application deadline is the same as the Graduate College deadline; the deadline for applicants who want to be considered for funding can be found on the [Graduate College website](#).

Degree Requirements

In addition to the Graduate College minimum requirements, students must meet the following program requirements:

- **Minimum Semester Hours Required** 36.
- **Student must choose one of the following two options:**

I. Thesis Option (36 hours total)

| Course | Title |
|---|---|
| Course Work (24 hours) | |
| Select 12 hours at the 500-level | |
| Excluding IE 596, IE 598, and IE 599 | |
| 4 hours must be in the IE rubric | |
| Remaining 12 hours at the 400- or 500-level | |
| Up to 4 hours of IE 596 can be used | |
| 4 hours must be in the IE rubric | |
| Additional courses | |
| IE 598 | M.S. Thesis Research (12 hours) |
| IE 595 | Industrial Engineering Seminar ^a |

^a All students must enroll in IE 595 every fall and spring semester.

II. Course-Work-Only Option (36 hours total)

| Course | Title |
|---|---|
| Course Work (36 hours) | |
| Select 16 hours at the 500-level | |
| Excluding IE 596, IE 598, and IE 599 | |
| 8 hours must be in the IE rubric | |
| Remaining 20 hours at the 400- or 500-level | |
| Up to 4 hours of IE 596 can be used | |
| 8 hours must be in the IE rubric | |
| Additional courses | |
| IE 595 | Industrial Engineering Seminar ^a |

^a All students must enroll in IE 595 every fall and spring semester.

Other Requirements

- No graduation credit will be given for Credit/No Credit courses.
- Students must get director of graduate studies' approval to take online courses.
- All courses must be approved first by the student's advisor and then by the director of graduate studies.
- **Comprehensive Examination** None.
- **Thesis, Project, or Course-Work-Only Options** Thesis or course work only. No other options are available.