

Industrial and Manufacturing Engineering

Department Information

- **Department Chair:**
Kambiz Farahmand, Ph.D.
- **Program Coordinator:**
Mojahid Saeed Osman, Ph.D.
- **Department Location:**
106 Engineering
- **Department Phone:**
(701) 231-9818
- **Department Web Site:**
www.ndsu.edu/ime/ (<http://www.ndsu.edu/ime/>)
- **Application Deadline:**
March 1 is the priority fall deadline for funding consideration; August 15 for spring and summer. Domestic applications due one month prior to start of semester.
- **Credential Offered:**
Ph.D., M.S., M.Eng.
- **Test Requirement:**
GRE required for all Ph.D. applicants and any M.S. applicants who did not earn Bachelor's degrees in the U.S.
- **English Proficiency Requirements:**
TOEFL ibt 71; IELTS 6.0; Duolingo 105

Graduate study in the Department of Industrial and Manufacturing Engineering is open to all qualified baccalaureate graduates from universities and colleges of recognized standing. In addition to the Graduate School requirements, all applicants must submit a GRE score that meets the following requirements:

- 310 or higher (Verbal + Quantitative), 160 Quantitative minimum and Analytical Writing score of 3.5 or better

International students must also meet the following English proficiency requirements:

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| • Minimums for admission: | TOEFL: 71 | IELTS: 6.0 | Duolingo: 105 |
| • Minimums for TA Graders: | TOEFL: 79 | IELTS: 6.5 | Duolingo: 110 |
| • Minimums for TA Instructors: | TOEFL: 81 | IELTS: 7.0 | Duolingo: 115 |

Financial Assistance

There are a limited number of teaching assistantships available in Industrial and Manufacturing Engineering, which are normally assigned as support for classes with large enrollments and/or heavy laboratory content. Research assistantships are offered when student's capabilities and background experience match the needs of the project. While teaching assistantships are funded by the department, research assistantships are generally funded through externally funded grants and contracts. In both cases, assistantships are considered as employment, and the graduate student should view these appointments as a job. The faculty and the department will carry the expectation that the student has made a full commitment to fulfill both the degree requirements and the job responsibilities. The student's thesis or dissertation may or may not be in the area of their job duties for the assistantship.

Graduate students awarded a full-time assistantship (20 hours/week) are eligible for a full tuition waiver that covers the cost of base tuition. Graduate students holding a part-time assistantship (greater than or equal to 10 hrs./week, but less than 20 hrs./week) are eligible for a 50% tuition waiver. Tuition waivers cover base tuition for NDSU graduate credits only. Students are responsible for differential tuition, student fees, and tuition for non-graduate level credits taken or Cooperative Education credits. Students receiving tuition waivers will be required to enroll in a minimum of 6 credits per semester. Students are eligible to receive a tuition waiver until the maximum number of credits shown below is reached, based on degree type:

- Master's degree - 33 credits
- PhD degree (with Master's) - 63 credits
- PhD degree (without Master's) - 93 credits