

Industrial and Manufacturing Engineering

Department Information

- **Department Chair:**
Kambiz Farahmand, Ph.D.
- **Program Coordinator:**
Canan Bilen-Green Ph.D.
- **Department Location:**
202 Civil & Industrial Engineering Building
- **Department Phone:**
(701) 231-9818
- **Department Web Site:**
www.ndsu.edu/ime/ (<http://www.ndsu.edu/ime/>)
- **Application Deadline:**
International applications due March 1 for fall; August 15 for spring and summer. Domestic applications due one month prior to start of semester. For assistantship consideration, fall applications due March 1; limited spring openings.
- **Credential Offered:**
Ph.D., M.S.
- **Test Requirement:**
GRE - General
- **English Proficiency Requirements:**
TOEFL ibt 79; IELTS 6.5; Duolingo 105

The mission of the graduate program in the IME Department at NDSU is to advance knowledge and research of industrial and manufacturing engineering, strengthen and support industry, and enhance teaching. We currently offer two graduate degrees in Industrial & Manufacturing Engineering: 1) Master of Science (M.S.) and 2) Doctor of Philosophy (Ph.D.). The M.S. Program is a thesis-based master's degree program designed to equip students with the ability to analyze, design, and manage industrial and manufacturing systems as well as to enable students to develop scholarly abilities to further pursue a Ph.D. degree in industrial and manufacturing engineering (or in a related area). The Ph.D. program is a research degree, conferred in recognition of marked original research and high scholastic attainment in Industrial and Manufacturing Engineering. The Ph.D. degree is conferred after successful defense of an acceptable dissertation summarizing substantial results of a student's original research work. Areas of specialization for research include but are not limited to topics such as 3D printing, applied statistics and probability, biomedical science, experimental design, data mining and machine learning, healthcare, manufacturing, operations research, quality control theory, reliability, simulation, and sustainability.

For more information about our department and programs, please visit our department website at www.ndsu.edu/ime/.