The Department of Mechanical and Industrial Engineering offers two accredited programs leading to a Bachelor of Science in industrial engineering and a Bachelor of Science in mechanical engineering. Five-year Bachelor of Science/Master of Science PlusOne programs in the above two disciplines are also available. In addition, the department offers the following minors: (a) minor in industrial engineering, (b) minor in mechanical engineering, and (c) minor in biomechanical engineering.

Our mission is to educate persons for professional and technical excellence; to perform research to advance the science and practice of engineering; to engage in service activities that advance the department, the university, and the profession; and to instill in ourselves and our students habits and attitudes that promote ethical behavior, professional responsibility, and careers that advance the well-being of society.

The program educational objectives for the mechanical engineering and industrial engineering programs are as follows. Graduates from our undergraduate programs will demonstrate technical excellence in their chosen fields, anticipate and respond to societal changes and develop careers with depth and flexibility, while retaining a professional and intellectual thrust throughout. Specifically, (1) graduates will contribute to the advancement of the mechanical or industrial engineering field, while satisfying the expectations of their employers and displaying leadership in the larger community; and (2) graduates will engage in activities that promote professional development and personal growth.

Minor in Mechanical Engineering
Complete all courses listed below unless otherwise indicated. Also complete any corequisite labs, recitations, clinicals, or tools courses where specified.

REQUIRED COURSES
ME 2350 Engineering Mechanics and Design 4 SH
ME 2380 Thermodynamics 4 SH