Engineering and Information Technology, MS

The Master of Science in engineering and information technology is not accepting graduate students at this time.

The rapid expansion of computer, information, and advanced manufacturing technology throughout all segments of business and industry is creating challenges for companies that seek to keep pace with the latest technological and engineering advancements. The MS in engineering and information technology program is intended to provide a rigorous, yet broadly accessible platform for practicing BS-level engineers and bachelor’s degree graduates from other related disciplines to obtain advanced training in contemporary engineering and information technology areas.

Rather than focusing in one area, the MS program provides a breadth of exposure to areas that are key to the design, implementation, and manufacturing of complex, smart systems. This exposure includes coursework in software engineering, networking, cloud computing, machine learning, robotics, advanced manufacturing, testing/quality assurance, and associated legal, regulatory, environmental, and ethical issues.

The MS in engineering and information technology is administered by the College of Engineering.

Requirements

The Master of Science program in engineering and information technology requires 30 s.h. of graduate credit. Students must maintain a cumulative grade-point average of at least 3.00. Students are allowed up to 6 s.h. of approved transfer credit.

Admission

Applicants must meet the admission requirements of the Graduate College; see the Manual of Rules and Regulations on the Graduate College website.

Applicants must have a bachelor’s degree in engineering, computer science, or a related field and an undergraduate grade-point average (GPA) of at least 3.00. Those whose GPA is slightly below 3.00 may be considered for admission. No Graduate Record Examination (GRE) General Test scores are required.