

NEW!

One-Year MSISE: Master of Science in Industrial and Systems Engineering

The Department of Industrial and Systems Engineering is now offering a new One-Year Master of Science in Industrial and Systems Engineering program! This program provides you with an extraordinary opportunity to study engineering and business that is customized to your interests, and, in only one year, you can earn a Master of Science in Industrial and Systems Engineering degree that does not require a thesis or a final oral examination. We offer courses in traditional and advanced manufacturing, operations research, supply chain, and human factors and ergonomics.

Admissions Requirements

- A Bachelor's degree from an EAC-ABET accredited college or university in an engineering or related discipline.
- Minimum 2.8 GPA from undergraduate degree granting institution.
- TOEFL (at least 80 or higher internet-based score) or IELTS scores (6.5 or higher) for international applicants.
- Three letters of recommendation from persons able to comment on the applicant's qualifications for graduate study.
- Complete all prerequisites prior to program start.

Degree Requirements

- Completion of 30 credit hours of graduate courses consisting of
 1. Core courses (12 credits): *ISEN 625* – Information Systems, *ISEN 655* – Production Planning & Scheduling, *ISEN 665* – Human Machine Systems, *ISEN 675* – Design and Analysis of Experiments
 2. Technical Electives (18 credits of additional *ISEN* courses)

For more information about the program, contact Dr. Steven Jiang at xjiang@ncat.edu or Mrs. Elizabeth Brooks at ebrooks@ncat.edu.