

INDUSTRIAL ENGINEERING

Industrial engineers help us to work smarter.

As an industrial engineer, you'll develop an analytical vision that will allow you to see processes in a whole new way. Excellence and efficiency will be your areas of expertise. By assessing a wide range of factors such as technology, time, stall, environmental concerns, safety, and cost, you will create a road map for doing things better.



"UIC prepared me to be able to advocate for myself, helped me to understand what I am looking for in a career, and mapped a pathway for me to achieve my goals."

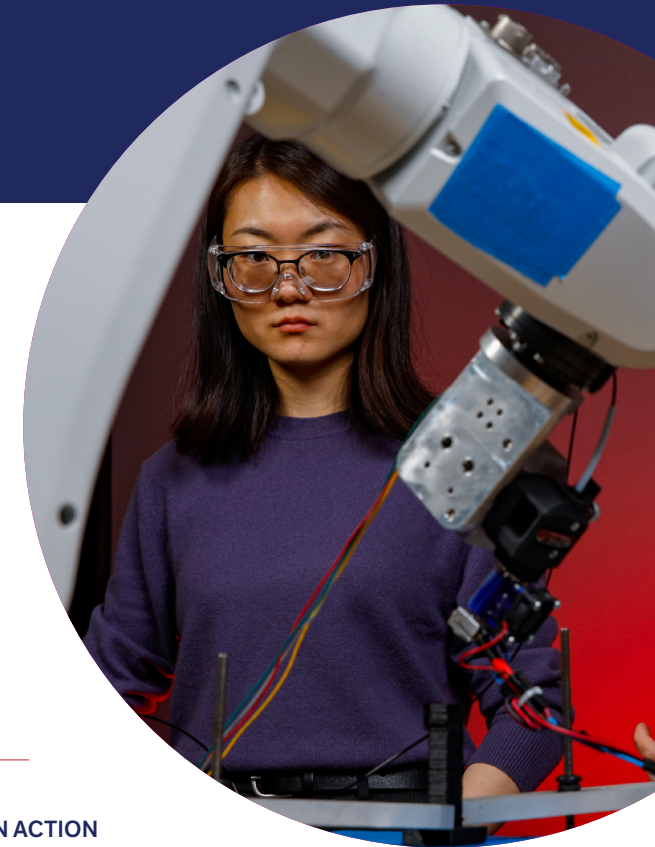
Natalie Ferguson, Industrial Engineering '21
Continuous Improvement Engineer, NEMERA

Making the world better

Industrial engineers develop efficient systems that integrate workers, machines, materials, information, and energy to improve products and services. They work with a wide variety of industries as they find ways to eliminate wastefulness in production processes and make the world a better place.

UIC industrial engineering students are taught the necessary problem-solving skills to succeed in their careers. Every course in this curriculum is carefully crafted to teach a specific skillset that is applicable to many different engineering careers.

Visit mie.uic.edu to learn more about course options, student activities, and more.



CREATIVITY IN ACTION

For our annual senior design showcase, the UIC Engineering Expo, industrial engineering students have:

- ▶ Incorporated semi-automatic pallet wrappers into the staging process for Albertsons warehouse.
- ▶ Analyzed processes and workflows for Albertsons-Jewel Osco.
- ▶ Developed a pin for Nylok that applies a coating to fasteners, nuts, and washers.
- ▶ Standardized the process to increase manufacturing output for Dynaco Doors.

With an industrial engineering degree, you might:



Manage global supply chains and optimize logistics through AI-driven predictive analytics



Devise quality controls using machine learning to ensure products meet customers' needs



Provide project management expertise to complete initiatives on time and on target

UIC