

Testimonials

I chose to study at UIC because of its great reputation, specifically in Industrial Engineering. Throughout my studies I acquired a wide breadth of knowledge as well as relevant experience. One of the best parts of UIC's Industrial Engineering program is that you are not just focused on coursework but are also exposed to practical projects that make a difference for your school or a company. Not only did UIC help me decide my career path but it provided me with great classmates that I will stay in contact with throughout my career.

—Robert Andrzejewski, class of 2012,
Master Student in Industrial Engineering at UIC

Being an Industrial Engineering student at UIC provided me with many great opportunities. There are immeasurable benefits associated with having an internship and the location of this school is ideal for maintaining an internship while taking classes full-time throughout the school year. The Industrial Engineering courses were challenging and informative and the various course projects proved to be advantageous by presenting me and my fellow students with the experience of applying course work to real-life situations. Overall, I am pleased I chose to study Industrial Engineering at UIC and am thankful for all of the educational experiences I encountered there.

—Margaret Zero, class of 2013,
Operation Analyst, GATX Corporation

UIC's IE program was the perfect mix for a young professional woman like me to compete on the world's stage. Combining a nationally recognized research university education with team projects that solved real corporate problems from local companies, and the ease of living and commuting to school in downtown Chicago, launched me into my career and I hit the ground running. All of the job offers I received at graduation, and the success I am having in my new career, prove I made the right choice with UIC!

—Nadya Fogarty, class of 2013,
Marketing Analyst, Esurance

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Industrial Engineering
where engineering meets business





What is Industrial Engineering?

Industrial Engineering is a branch or division of Engineering which applies Scientific principles in the Management and Operations of a broad variety of business, manufacturing and service areas.

Simply put, industrial engineers make businesses work better. They are specially trained to eliminate practices that waste time, money, energy and other resources and they are paid well for it.

According to the Bureau of Labor and Statistics, the number of Industrial Engineer/Analyst jobs is projected to grow by 28% from 2010 to 2020. In 2010, Industrial Engineers earned a median annual salary around \$76,100, with the top 10% earning of \$109,220. Moreover, while most engineering occupations experience an average growth, the employment numbers in Industrial Engineering are expected to grow faster than average growth of all engineering occupations. (www.bls.gov, 2010).

The great thing about being an industrial engineer is that you are qualified to work in almost any industry you want. Industrial engineers work in entertainment, healthcare, shipping, finance, electronics, manufacturing, technology, food and beverage or just about any other industry you can imagine.

Many universities in the United States offer industrial engineering programs. In addition to industrial engineering, other names have been used by the departments offering these programs to refer to industrial engineering. Operations Research, Management Science, Enterprise Engineering and Systems Engineering are among the most popular names used by these departments. To learn more about professional societies related to industrial engineering and operations research, please visit the following web sites: www.informs.org and www.iienet.org

IE at UIC

Through hands-on learning and projects with top companies in the Chicagoland area, the Industrial Engineering program has managed to be in the top 20 ranking of scholarly output (go.uic.edu/UIC_IE_Rankings).

UIC Industrial Engineering graduates have many job opportunities. Some of the companies that have hired UIC Industrial Engineering graduates include:

- Allstate
- American Express
- Argonne National Laboratory
- Bank of America
- Bausch & Lomb
- Baxter
- Blue Cross and Blue Shield
- Boeing
- Bosch
- Caterpillar
- Esurance
- Exxon Mobil
- Federal Express
- Federal Mogul
- Fidelity Investments
- Ford Motor Company
- GATX
- General Electric
- General Motors
- IBM Corporation
- International Trucking
- Motorola Mobility
- NASA
- Ryder
- University of Chicago Hospitals
- UPS
- USPS
- Walt Disney Company
- Wynright

Areas of Academic Interest

The Industrial Engineering program at UIC allows students to select their elective courses based on their areas of interest. The students can select courses from other disciplines at UIC. For example, a student with interest in Manufacturing and Product Design can take at least three courses from the Mechanical Engineering program at UIC. The Industrial Engineering students can decide about their elective courses when they meet with their academic advisors. In many cases, undergraduate students select to take an Undergraduate Research course as their elective. In such cases students can study various research topics in Industrial Engineering. The followings are some examples of such topics:

- Healthcare Management
- Quality and Reliability Engineering
- Safety Engineering
- Transportation Engineering
- Manufacturing and Automation
- Virtual Engineering
- Supply Chain Management
- Operation Management
- Industrial Data Processing
- Information Engineering
- Financial Engineering
- Systems Engineering

For more explanation, please visit us at:
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