

CHEMICAL ENGINEERING

Break into engineering at the molecular level.

Chemical engineering may at first conjure visions of test tubes and lab coats, but in reality, chemical engineering is all around you. It makes our fuels burn cleaner, our batteries last longer, drug therapies more easily deliverable, our water safe for drinking, and the fibers in our clothes more resistant to the washing machine. As a chemical engineer, you will know—at a molecular level—how raw materials become products and how we can innovate.



“The best part about my job is that each day is unpredictable and different, yet super exciting. I never know what I will have to tackle each day, but I know that I will work through it.”

Priyanka Sharma, BS '11, PhD '16
Co-CEO, Kazmira LLC

Chemical engineering can surprise you—in the best of ways.

A chemical engineering degree prepares you not only for a wide range of roles in this field, but for positions in other industries, too. Our graduates work at companies from Beyond Meat to Intel, from Amazon to Lockheed Martin. Scroll the list at go.uic.edu/che-jobs.

More than half of our young alumni report salaries from \$75,000 to \$100,000+.

Thinking about medical school, law school, or an MBA? A chemical engineering degree is an excellent foundation for any of these—and will set you apart from other candidates.

New for 2021: You can customize your chemical engineering major with one of six concentrations. Find them on the ChemE Major page at che.uic.edu.



CREATIVITY IN ACTION

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

- ▶ A plan for improving biodegradable plastic shopping bags made from corn
- ▶ Biodiesel fuel made from wood chips, a unique form of renewable waste
- ▶ Schematics for a zero-emissions power plant for hydrogen-fueled trains in Germany
- ▶ A method to convert excess carbon dioxide from Chinese cement production into methanol, an industrial chemical in demand in China

With a chemical engineering degree, you might:



Improve processing techniques to increase the range of plant-based foods



Develop plastics that are less detrimental to our environment



Identify ways to make more materials recyclable

UIC

Chicago is
where you
will rise.



Chemical Engineering

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