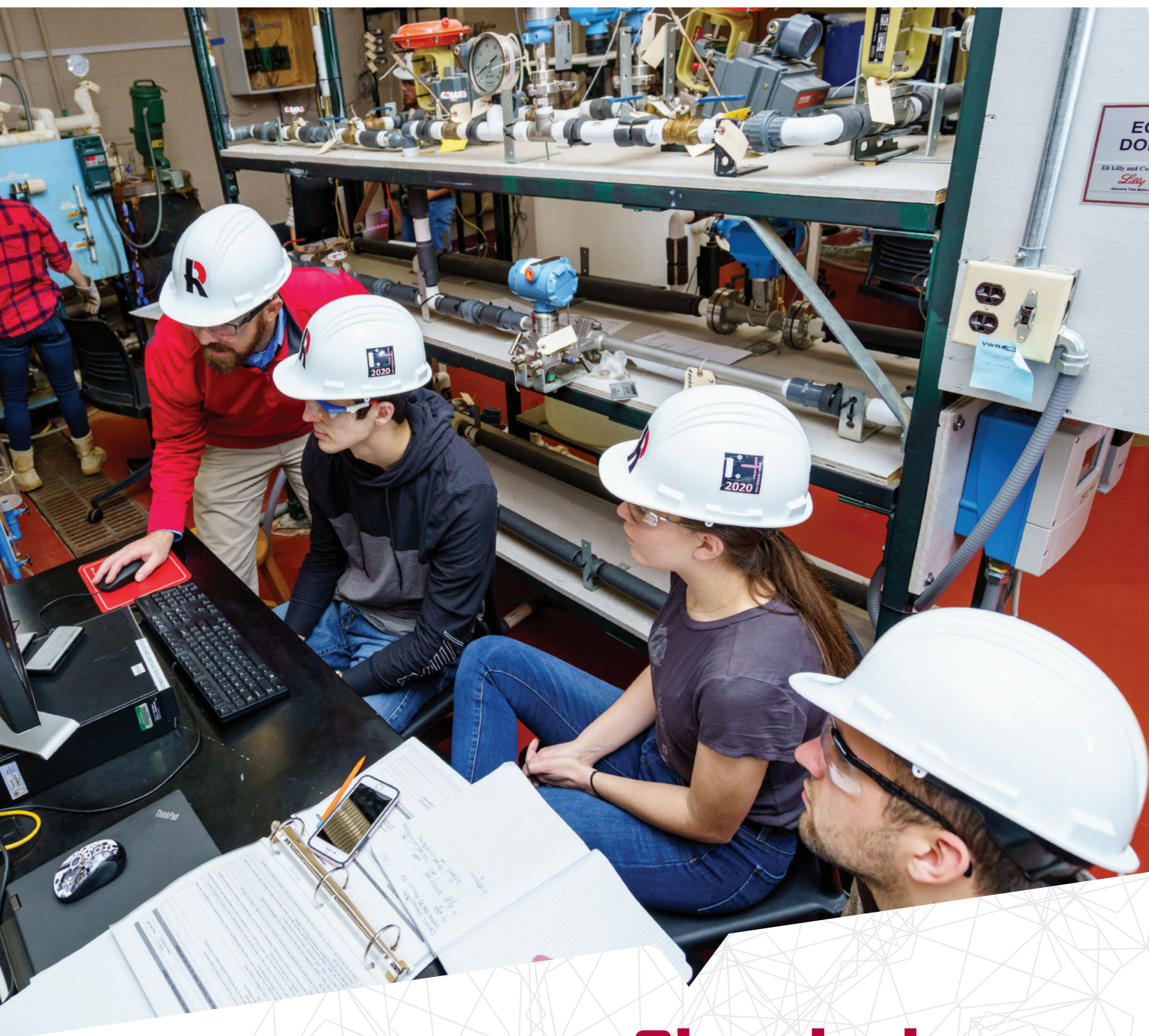




ROSE-HULMAN

INSTITUTE OF TECHNOLOGY



**Chemical
Engineering**

CHE Students at Rose

100%

Placement Rate

\$76,250

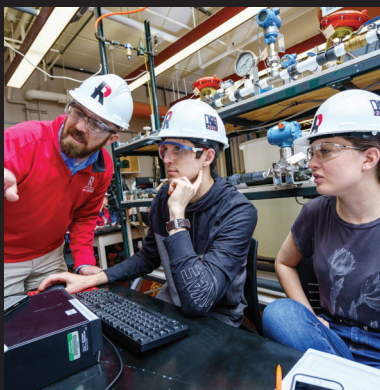
Average Starting Salary

Offers from companies including AMG Vanadium, Aqua-Aerobic Systems, Atlas Prediction Control, Berry-Wehmler Design Group, Catalent, Cornerstone Controls, Edgile, Elanco, Eli Lilly, Endress+Hauser, Epic Systems, Fitesa Indiana, Hormel Foods, Ingredion, International Paper, James Hardie Building Products, Marathon Petroleum, Nishikawa Cooper, North American Stainless, SDI Engineering, Stevanato Group, Tate & Lyle, US Air Force, and Verista.

Graduate school acceptances from Carnegie Mellon University, Indiana State University, Purdue University, Rose-Hulman, and University of Delaware.

*Salary and placement data from the Class of 2022.

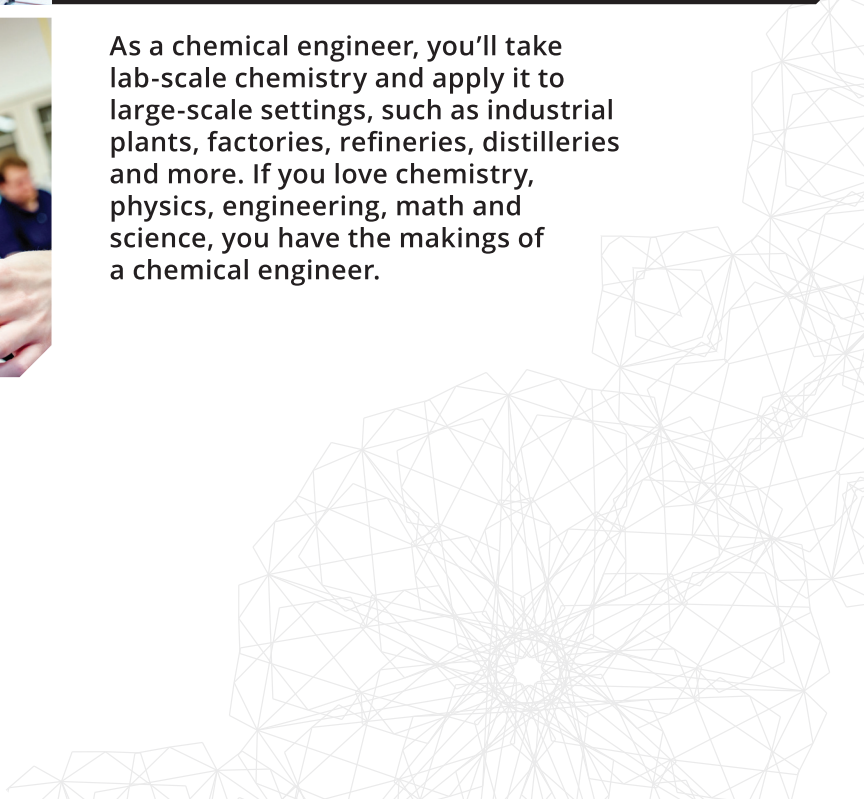




The Right Solution

Chemical engineers serve in virtually every major industry, including pharmaceuticals, petrochemicals, food, paper, semiconductors, alternative energy and polymers. At Rose-Hulman, we've been training the world's best chemical engineers since awarding the nation's first chemical engineering degree way back in 1889.

As a chemical engineer, you'll take lab-scale chemistry and apply it to large-scale settings, such as industrial plants, factories, refineries, distilleries and more. If you love chemistry, physics, engineering, math and science, you have the makings of a chemical engineer.





Experiential Learning

As a chemical engineering major, you'll have access to modern laboratories where you'll get hands-on experience with the latest industrial equipment. Our unit operations facilities feature more than 20 experimental modules for projects in distillation, heat transfer, thermodynamics, reaction kinetics, biochemical engineering, drying, filtration, and more. Our labs immerse you in simulated industrial settings with state-of-the-art equipment including a stainless steel Fluid Flow Experimental Unit (designed and constructed by Rose students, no less) that allows students to gain practical experience with fluid flow in piping networks and explore a plethora of modern devices for measuring flow rate, pressure, level, and temperature.



What You'll Learn

Chemical engineering is a field for people with agile minds and great problem-solving imaginations. As a major, you'll tackle a wide range of subjects, including math, chemistry, biochemistry, physics, fluid dynamics and much more. Plus, our program gives you the flexibility to pursue independent learning projects in your chosen area of concentration, tailoring your education to fit your interests!

Concentrations, Minors, and Masters

It's not required, but many chemical engineering majors have areas of concentration to sharpen their focus and enhance their career prospects.

Concentrations we offer include:

- Advanced Chemical Engineering Analysis
- Energy Production and Utilization
- Industrial and Process Engineering

A minor in Chemical Engineering is a great choice if you are majoring in another discipline and want to understand the chemical engineering aspects of industrial processes.

Our Biochemical Engineering minor is perfect if you're interested in a career in the pharmaceutical or biotechnology process industry.

If graduate school is in your future, we offer two graduate degrees in chemical engineering--a Master of Science degree, requiring a thesis, and a Master of Chemical Engineering degree, requiring a project and additional coursework. Both give you the flexibility to study full or part time and choose your area of concentration.

"Rose is a community where everyone shares a close relationship. I've made friends with classmates, my professors and all the faculty."

— Shirley, 2018,
Chemical Engineering



For more information on chemical engineering at Rose-Hulman, scan this code with your smartphone

Get in Touch!

Department of Chemical Engineering

812-877-8430

www.rose-hulman.edu/CHE



ABOUT ROSE-HULMAN

Rose-Hulman is one of the nation's top undergraduate engineering, science, and mathematics college. Our 1,300 acre scenic campus is home to 2,100 students with a passion for STEM and learning. We are consistently rated among the best colleges and universities in the country for return on investment, internships, and career placement.

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