

# WHY UW?

# CONTACT INFORMATION

 **3.6** AVERAGE UNWEIGHTED GPA  
FOR INCOMING CEPS FRESHMAN

**14:1** STUDENT-FACULTY  
RATIO 

**57%** PERCENTAGE OF UW STUDENTS  
WHO GRADUATE DEBT-FREE 

**\$65,947** AVERAGE STARTING SALARY  
FOR CEPS GRADUATES

**TOP 200** 2021 NEWSWEEK BEST  
MAKER SCHOOLS GLOBALLY

 **3** RESIDENCE HALL FLOORS DESIGNATED  
FOR ENGINEERING STUDENTS ONLY

**25+** RECOGNIZED CEPS STUDENT ORGANIZATIONS  
GET INVOLVED & STAY CONNECTED!

Highly relevant programs that are tightly  
connected to industry needs – supported by  
outstanding faculty and research facilities.

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[uwyo.edu/chemical](http://uwyo.edu/chemical)

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 @uwyoengineering

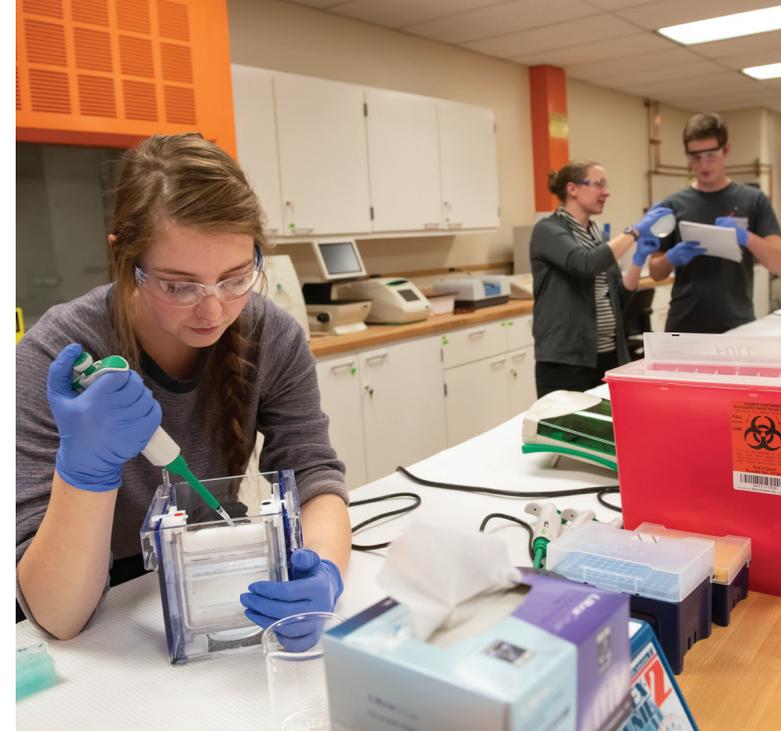
 @uwyoengineering

 @uwyonews

 [youtube.com/uwyo](https://www.youtube.com/uwyo)

 [uwyo.edu/ceas](http://uwyo.edu/ceas)

*FIND GREAT STORIES ABOUT  
OUR STUDENTS, FACULTY AND STAFF!*



UNIVERSITY  
OF WYOMING

College of Engineering  
and Physical Sciences



College of Engineering  
and Physical Sciences

*BUCKING THE SYSTEM  
SINCE 1886.*

**CHEMICAL  
ENGINEERING**

[uwyo.edu/chemical](http://uwyo.edu/chemical)

# CHEMICAL ENGINEERING

IS AN EXCITING AND DEMANDING FIELD THAT PROVIDES EXCELLENT CAREER OPPORTUNITIES IN THE U.S. AND AROUND THE WORLD.

At UW Chemical Engineering, we strive to prepare students to be leaders in industry, government or academia. Those alumni with the advanced education and research skills associated with obtaining graduate degrees have additional flexibility, breadth and depth to become leaders as the problems of tomorrow arise.

Our faculty are award-winning, world-class researchers and teachers with a variety of research foci. Undergraduate students have the opportunity to participate in research in a variety of areas, including bioengineering and in-space manufacturing.

## CAREERS IN CHEMICAL ENGINEERING



Careers in the energy, food, water, environmental engineering, manufacturing, healthcare and pharmaceutical industries are typical. Professionals work on creating and refining polymers in manufacturing and medicine. They design processes and equipment for large-scale safe and sustainable manufacturing, plan and test methods of manufacturing products and treating byproducts and supervise production.

## WHAT IS CHEMICAL ENGINEERING?

Chemical engineering turns raw materials, such as crude oil, biological materials, metals and waste materials, into usable products such as gasoline, foods and medications. Chemical engineers apply the principles of chemistry, biology, physics and math to solve problems that involve the production or use of chemicals, fuel, drugs, food and many other products.

### MINORS

Students can explore Chemical Engineering minors in Biomedical Engineering, Process Control, Chemistry, Molecular Biology, and more.

## DID YOU KNOW?

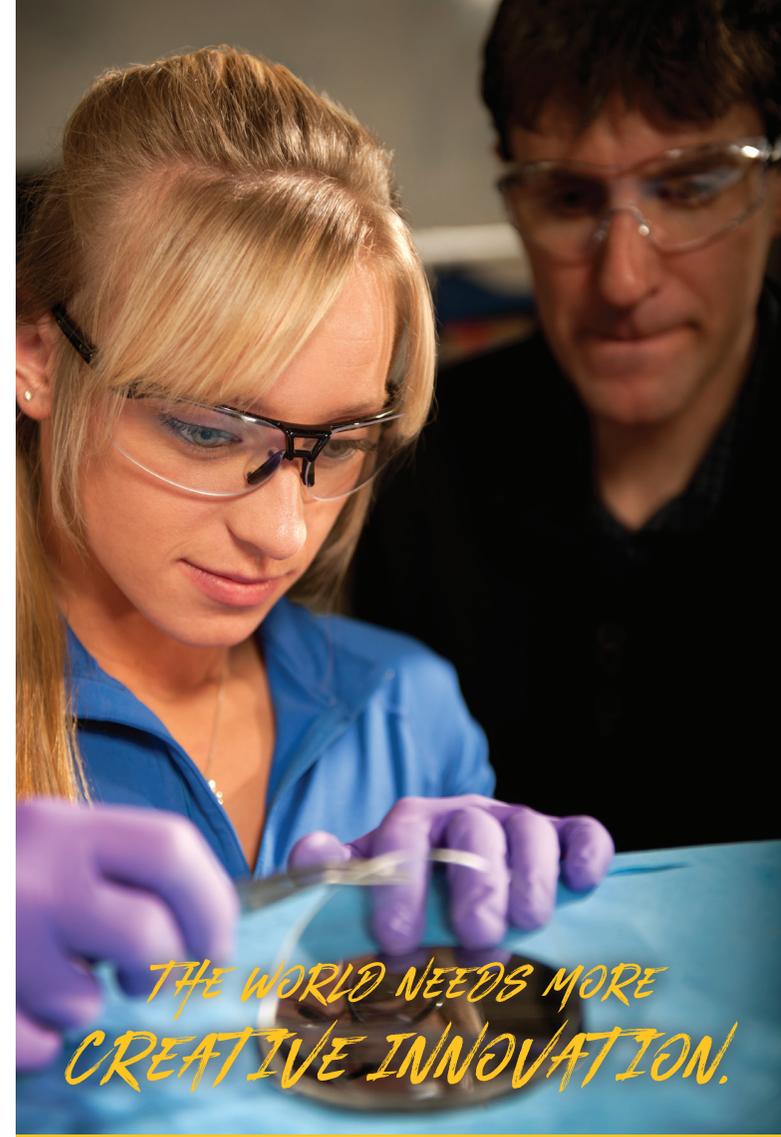
### ENVIRONMENTAL IMPACT



CHEMICAL ENGINEERS ARE RESEARCHING BIODEGRADABLE PLASTICS

**9%** PROJECTED  
JOB GROWTH  
FOR CHEMICAL ENGINEERING  
FOR 2020-2030

**\$121,840**  
AVERAGE ANNUAL SALARY  
FOR CHEMICAL ENGINEERS IN 2021



THE WORLD NEEDS MORE  
CREATIVE INNOVATION.

## DEGREE PROGRAMS



- Bachelor of Science**  
in Chemical Engineering
- Master of Science**  
in Chemical Engineering
- Joint MS/MBA**  
in Chemical Engineering
- BS/MS Quickstart**  
in Chemical Engineering
- Doctor of Philosophy**  
in Chemical Engineering

Find out more at [uwyo.edu/chemical](http://uwyo.edu/chemical)