

WHY UW?

CONTACT INFORMATION

300+ MERIT-BASED SCHOLARSHIPS OFFERED EACH YEAR TO CEAS STUDENTS

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

20:1 **STUDENT-FACULTY RATIO** 

54% PERCENTAGE OF UW STUDENTS WHO GRADUATE DEBT-FREE 

\$72,119 **AVERAGE STARTING SALARY** FOR CEAS GRADUATES

3  RESIDENCE HALL FLOORS WITH A COMPUTING LABORATORY ARE DESIGNATED FOR ENGINEERING STUDENTS ONLY

25+ **RECOGNIZED CEAS STUDENT ORGANIZATIONS** GET INVOLVED IN THE AMERICAN SOCIETY OF CHEMICAL ENGINEERS, TAU BETA PI, SOCIETY OF WOMEN ENGINEERS, AND MANY MORE.

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

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uwyo.edu/chemical

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Laramie, WY 82071

FIND GREAT STORIES ABOUT OUR STUDENTS, FACULTY AND STAFF!

 @UWYOEngineer

 @uwyoengineering

 @uwyonews

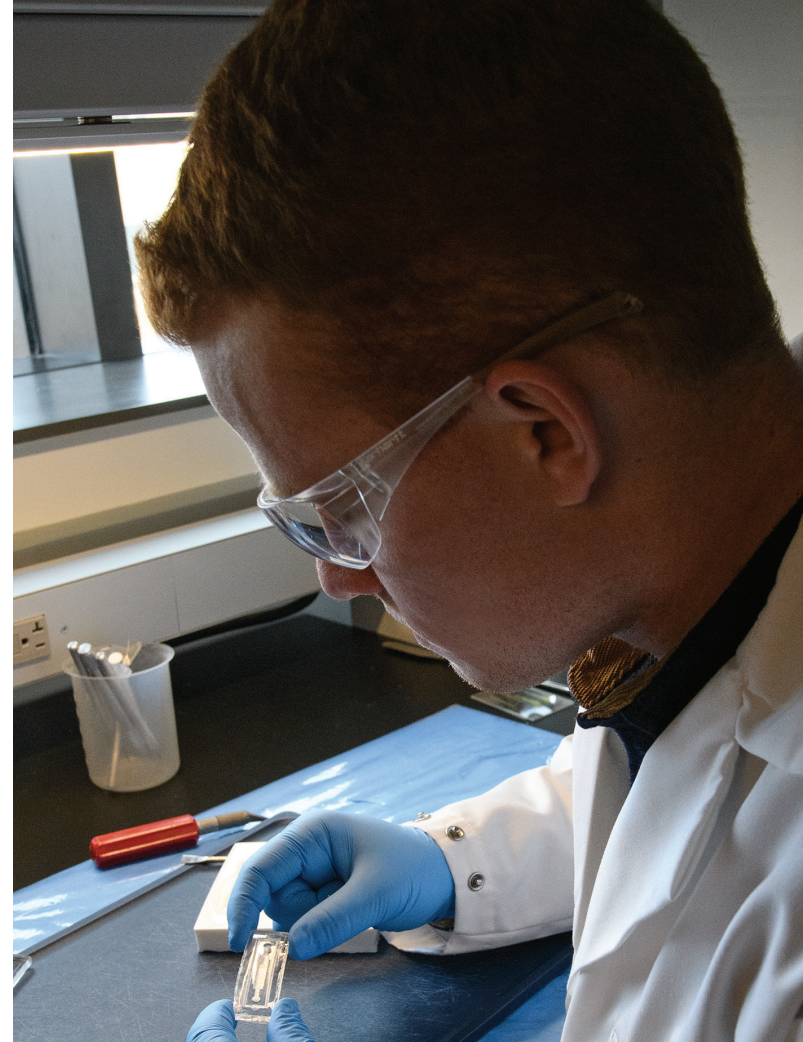
 youtube.com/uwyo

 uwyo.edu/ceas



College of Engineering
and Applied Science

*BUCKING THE SYSTEM
SINCE 1886.*



College of Engineering
and Applied Science

**CHEMICAL
ENGINEERING**

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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. The department occupies a major share of the modern 130,000-square-foot engineering addition, including six undergraduate laboratories and 20 research laboratories as well as machine, wood and instrument shops.

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.

CAREERS IN CHEMICAL ENGINEERING

Careers in the energy, food, water, 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.

DID YOU KNOW?

\$117,090

AVERAGE ANNUAL SALARY FOR CHEMICAL ENGINEERS IN 2019



NOTABLE EMPLOYERS

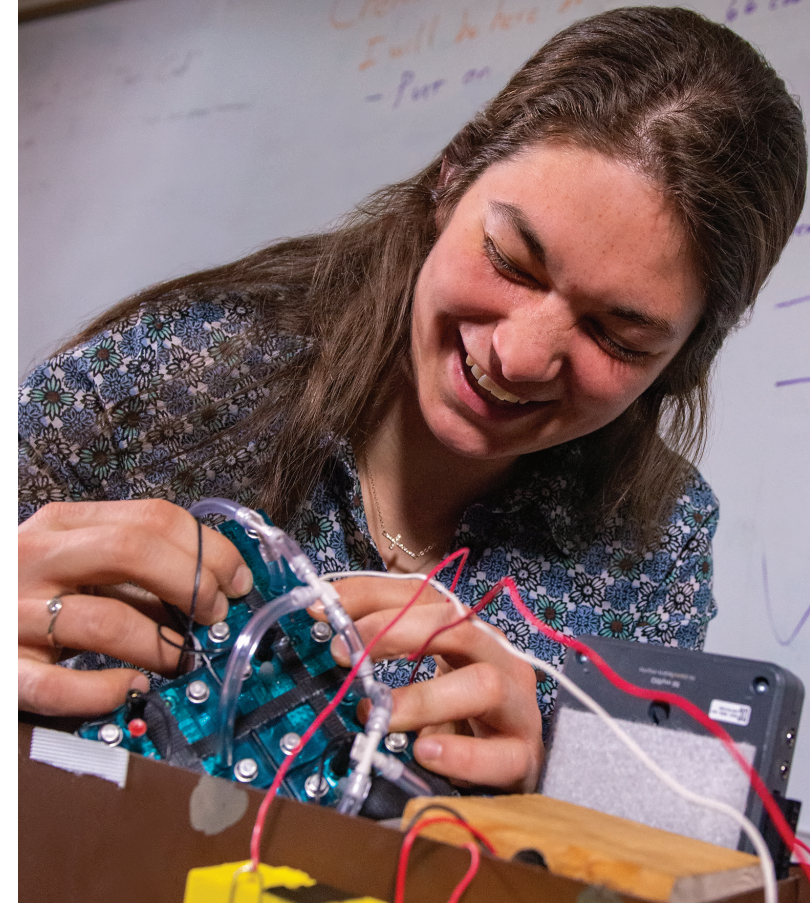
NOTABLE EMPLOYERS INCLUDE PFIZER, JOHNSON & JOHNSON AND DUPONT.



CUTTING-EDGE RESEARCH

STUDENTS CAN RESEARCH BIOMATERIALS, INCLUDING CELL TYPES THAT REGENERATE STRUCTURAL TISSUES LIKE CARTILAGE AND BONE.

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