300+ \textbf{MERIT-BASED SCHOLARSHIPS ARE OFFERED EACH YEAR}

90\% \textbf{OF CEAS COURSES ARE TAUGHT BY ENGINEERING FACULTY}

18:1 \textbf{STUDENT-FACTULTY RATIO (PLUS, AVERAGE CLASS SIZE OF 28)}

88\% \textbf{RATE OF EMPLOYMENT IN STUDENT’S CHOSEN FIELD W/IN SIX MONTHS OF GRADUATION}

5-12\% \textbf{OF SENIORS PASS THE FUNDAMENTALS OF ENGINEERING EXAM ABOVE AVERAGE}

\begin{itemize}
  \item \textbf{why UW?}
  \item \textbf{contact information}
  \item \textbf{chemical engineering faculty}
    \begin{itemize}
      \item \textbf{Vladimir Alvarado - Department Head}
        Ph.D., University of Minnesota, 1996
      \item \textbf{Saman Aryana}
        Ph.D., Stanford University, 2012
      \item \textbf{David M. Bagley}
        Ph.D., Cornell University, 1993
      \item \textbf{David A. Bell}
        Ph.D., Colorado State University, 1992
      \item \textbf{Joseph Holles}
        Ph.D., University of Virginia, 2000
      \item \textbf{Patrick Johnson}
        Ph.D., Columbia University, 2005
      \item \textbf{Dongmei (Katie) Li}
        Ph.D., University of Colorado at Boulder, 2003
      \item \textbf{John Oakey}
        Ph.D., Colorado School of Mines, 2003
      \item \textbf{Karen Wawrousek}
        Ph.D., California Institute of Technology, 2009
    \end{itemize}
\end{itemize}

\begin{itemize}
  \item \textbf{uwyo.edu/chemical}
  \item \textbf{uwyo.edu/chemical}
\end{itemize}
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.

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.

**DID YOU KNOW?**

$102,160

The average annual salary for chemical engineers was $102,160 in 2017.

**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.

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

**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