

WHY UW?

CONTACT INFORMATION

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

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

54% PERCENTAGE OF UW STUDENTS WHO GRADUATE DEBT-FREE 

94% PERCENTAGE OF 2019 MECHANICAL & ENERGY SYSTEMS ENGINEERING GRADUATES **WORKING OR IN GRADUATE SCHOOL WITHIN 6 MONTHS OF GRADUATION**

\$66,536 **AVERAGE STARTING SALARY FOR CEAS** MECHANICAL ENGINEERING GRADUATES

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

25+ **RECOGNIZED CEAS STUDENT ORGANIZATIONS** GET INVOLVED WITH THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS, SOCIETY OF AUTOMOTIVE ENGINEERS, SOCIETY OF WOMEN ENGINEERS, TAU BETA PI 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/mechanical

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Laramie, WY 82071

FIND GREAT STORIES ABOUT OUR STUDENTS, FACULTY AND STAFF!

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College of Engineering
and Applied Science

**MECHANICAL &
ENERGY SYSTEMS
ENGINEERING**

uwyo.edu/mechanical



College of Engineering
and Applied Science

*BUCKING THE SYSTEM
SINCE 1886.*

MECHANICAL ENGINEERING

IS THE BROADEST OF ALL ENGINEERING DISCIPLINES. IT DEALS WITH DIVERSE ENGINEERING PROBLEMS IN SOLID MECHANICS, FLUID DYNAMICS, AERODYNAMICS, HEAT TRANSFER, ENERGY CONVERSION, VIBRATION, DESIGN, MANUFACTURING, CONTROLS, MATERIALS SCIENCE AND ELECTROMECHANICAL SYSTEMS.

Mechanical engineers are employed in almost every industry. If there are moving parts or if energy is converted from one form to another, a mechanical engineer was responsible for the design.

The ME program at UW offers committed, professional instruction. All ME classes (including laboratories) are taught by full-time faculty. ME faculty maintain an open-door policy, making them extremely accessible to students. Students receive a hands-on education.

ENERGY SYSTEMS ENGINEERING AN INTERDISCIPLINARY DEGREE

The Energy Systems Engineering program is designed to train engineers to address one of this country's foremost challenges: to achieve energy independence and meet the growing demand for energy, while addressing critical environmental concerns. The program prepares students to be technology leaders in energy conversion and environmental-protection systems, managers in the energy industry, overseers of energy development and to be environmentally sensitive liaisons between the energy industry and the public. ESE engineers are trained in alternative and environmentally friendly energy- conversion systems such as wind, solar and geothermal, as well as more traditional technologies.

CAREERS IN MECHANICAL ENGINEERING:

Mechanical engineers are employed in significant percentages in almost all industrial and governmental organizations that employ engineers. UW graduates are employed at more than 700 companies and in all 50 states. Mechanical engineers find employment opportunities in industries such as automotive, aerospace, manufacturing, defense, electric utilities, chemical and oil/gas. Energy Systems engineers find employment at oil/gas companies and in oil/gas support services, at electric utilities, for state agencies providing environmental oversight, in environmental management and remediation and others.

DID YOU KNOW?

1 IN 4

ENGINEERING GRADUATES IN THE U.S. WERE MECHANICAL ENGINEERS IN 2019



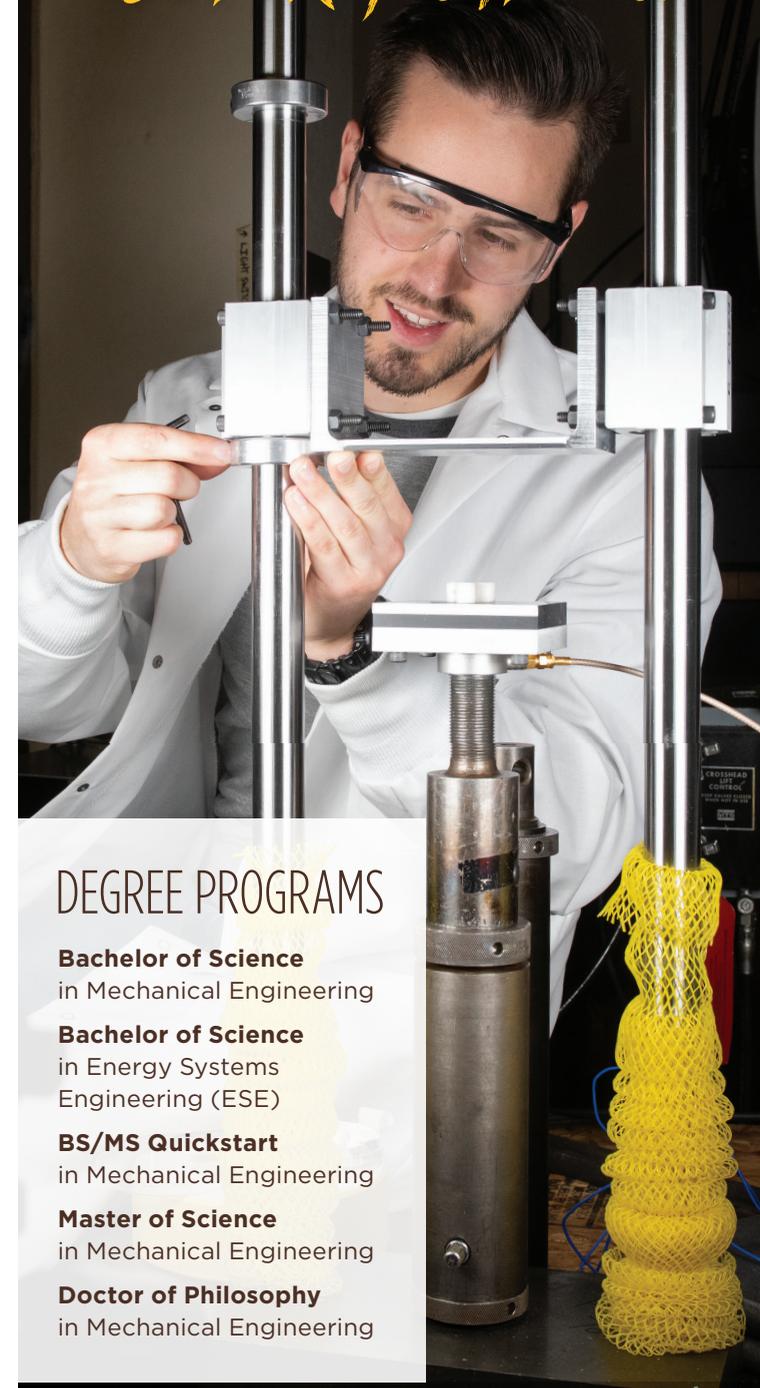
**\$2 MILLION IN
ANNUAL RESEARCH**

AMOUNT OF FEDERALLY FUNDED RESEARCH PERFORMED BY MECHANICAL ENGINEERING FACULTY & STUDENTS

\$93,540

AVERAGE ANNUAL SALARY FOR MECHANICAL ENGINEERS IN 2019

THE WORLD NEEDS MORE
UNSHAKABLE
DETERMINATION.



DEGREE PROGRAMS

Bachelor of Science
in Mechanical Engineering

Bachelor of Science
in Energy Systems
Engineering (ESE)

BS/MS Quickstart
in Mechanical Engineering

Master of Science
in Mechanical Engineering

Doctor of Philosophy
in Mechanical Engineering

Find out more at uwyo.edu/mechanical