WHY UW?

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 ASCE (AMERICAN SOCIETY OF CIVIL ENGINEERING), AEI (ARCHITECTURAL ENGINEERING INSTITUTE), TBP (TAU BETA PI), SWE (SOCIETY OF WOMEN ENGINEERS) AND MANY MORE.

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

CONTACT INFORMATION

PHONE: (307) 766-2279

EMAIL: ece@uwyo.edu

uwyo.edu/electrical

1000 E. University Ave.
Laramie, WY 82071

FIND GREAT STORIES ABOUT OUR STUDENTS, FACULTY AND STAFF!

- @UWYOEngineer
- @uwyoengineering
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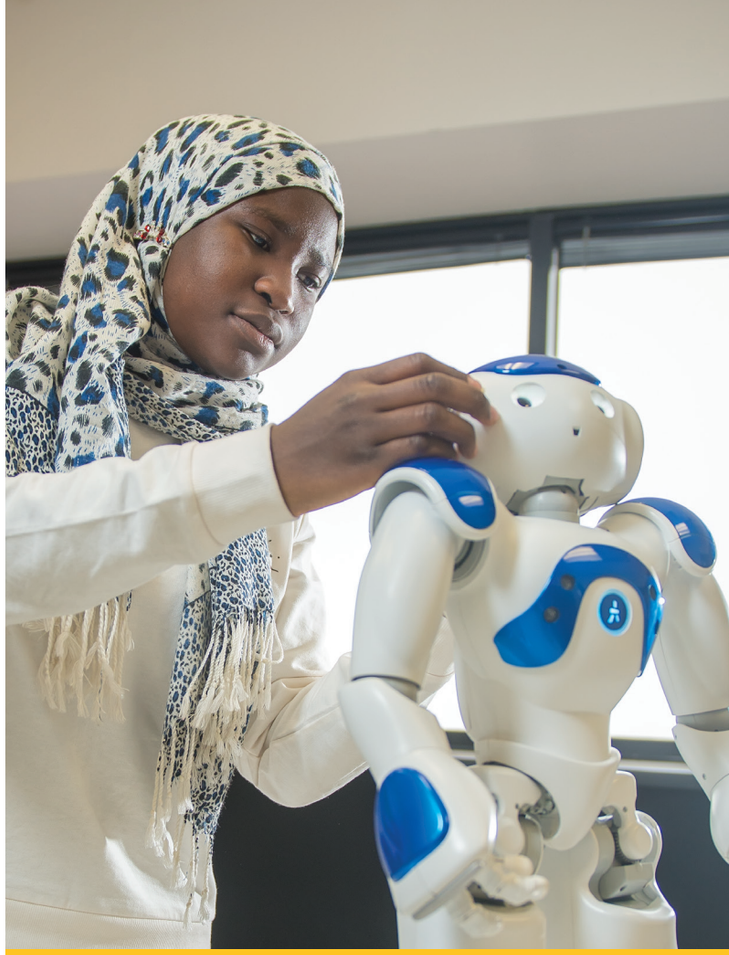
- uwyo.edu/ceas

UW
College of Engineering and Applied Science

BUCKING THE SYSTEM SINCE 1886.



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ELECTRICAL AND COMPUTER ENGINEERING

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THE ECE DEPARTMENT

AT UW OFFERS ELECTRICAL ENGINEERING, COMPUTER ENGINEERING AND A BIOENGINEERING OPTION OF ELECTRICAL ENGINEERING.

There is frequent opportunity for undergraduates to participate in research projects. ECE faculty members maintain a flexible open-door policy, making them extremely accessible to students. The qualifications of the ECE faculty members are excellent, with many in leadership positions in national and international organizations, several are textbook authors and all are active in their respective specialties. The department has well-equipped laboratories, offers free access to computer systems running software needed for studies, maintains small class sizes and provides a friendly, supportive environment for students.

THREE CONCENTRATIONS:

Electrical Engineering—Provides depth of understanding necessary to meet the challenges of ever-changing technology and allow students to pursue comprehensive study in at least one specialization area of electrical engineering.
Computer Engineering—Similar to the electrical engineering program, but emphasizes computer-related technology.
Bioengineering—Applies the techniques of electrical engineering to problems of environmental science, wildlife studies, biology and medicine.

CAREERS IN ELECTRICAL AND COMPUTER ENGINEERING:

For almost any area in which you might want to work (energy/power, aerospace, automotive/transportation, computer networks, robotics, satellite and cellular communications, music/video special effects, software design, microcomputers, biomedical instruments/imaging, electronic devices and many others) you'll find that electrical and computer engineers make up a significant part of the team. Nearly all our graduates have job placements after graduation or have been accepted to graduate school.

DID YOU KNOW?

$123,030

AVERAGE ANNUAL SALARY FOR COMPUTER ENGINEERS IN 2019

CUTTING-EDGE RESEARCH

PARTICIPATE IN RESEARCH LIKE ROBOTICS, POWER, ELECTRONICS, COMMUNICATIONS, SIGNALS, CONTROL

BIOENGINEERS APPLY

TECHNOLOGY TO SOLVE PROBLEMS FOR THE PHYSICAL SELF OR THINGS IN NATURE

DEGREE PROGRAMS

Bachelor of Science
in Electrical Engineering

Bachelor of Science
in Computer Engineering

Bachelor of Science
in Electrical Engineering
with Bioengineering Option

Master of Science
in Electrical Engineering

Doctor of Philosophy
in Electrical Engineering

BS/MS Quickstart Program
Electrical Engineering

THE WORLD NEEDS MORE RELENTLESS CURIOSITY.

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