**Why UW?**

- **300** Merit-based scholarships are offered each year.
- **87%** Of CEAS courses are taught by engineering faculty.
- **20:1** Student-faculty ratio (plus, average class size of 28).
- **79%** Rate of employment in student’s chosen field within three months of graduation.
- **5–12%** Of seniors pass the Fundamentals of Engineering exam above average.

**Residence Hall floors with a computing laboratory are designated for engineering students only.**

**Recognized engineering student organizations**
- Get involved in IEEE (Institute of Electrical and Electronics Engineers), TBP (Tau Beta Pi), SWE (Society of Women Engineers) and many more.

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**Electrical and Computer Systems Engineering Faculty**

- **John E. McInroy** - Department Head
  Ph.D., Rensselaer Polytechnic Institute, 1991

- **Jeff Anderson**
  Ph.D., University of Wyoming, 2004

- **Steven F. Barrett**
  Ph.D., University of Texas, 1993

- **Dongliang Duan**
  Ph.D., Colorado State, 2012

- **Eva S. Ferre-Pikal**
  Ph.D., University of Colorado, 1996

- **Jerry C. Hamann**
  Ph.D., University of Wisconsin, 1993

- **Robert F. Kubichek**
  Ph.D., University of Wyoming, 1985

- **Suresh Muknahallipatna**
  Ph.D., University of Wyoming, 1995

- **Domen Novak**
  Ph.D., University of Ljubljana, 2011

- **John O’Brien**
  Ph.D., Rensselaer Polytechnic Institute, 2001

- **John W. Pierre**
  Ph.D., University of Minnesota, 1991

- **Jon M. Pikal**
  Ph.D., Colorado State University, 1999

- **Cam Wright**
  Ph.D., University of Texas, 1996

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**25+** Recognized engineering student organizations
- Get involved in IEEE (Institute of Electrical and Electronics Engineers), TBP (Tau Beta Pi), SWE (Society of Women Engineers) and many more.
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 100 percent of our graduates have job placements or have been accepted to graduate school.

Did you know?

$96,270
THE AVERAGE YEARLY SALARY FOR ELECTRICAL AND COMPUTER ENGINEERS WAS $96,270 IN 2016.

CUTTING-EDGE RESEARCH

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

23%
BIO-ENGINEERING PROJECTED JOB GROWTH RATE OF 23% 2014-2024

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

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