



UW ECE BACHELOR'S PROGRAM DIRECT TO COLLEGE (DTC) STUDENTS

The University of Washington Bachelor of Science in Electrical Engineering (BSEE) degree prepares students to design and build hardware and software for a variety of devices that use electricity, electromagnetics, photonics and quantum phenomena, such as robots, smartphones, lasers, electric power, vehicle control, medical devices and much more.

UW ECE BY THE NUMBERS

695 undergraduate students enrolled in the 2021 autumn quarter.

GETTING INVOLVED

50+ student clubs and competitions in the College of Engineering, including the IEEE student branch and the Advanced Robotics Club.

63% of students in the BSEE program pursue at least one internship.

40 research labs in the department, in which students have the opportunity to pursue undergraduate research.

POST GRADUATION

24% of UW ECE students go on to pursue graduate studies following graduation.

\$82,500 Average annual starting salary for UW ECE graduates.

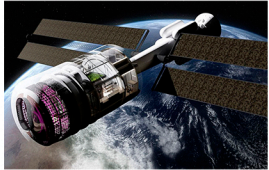
Top **9** employers (in order of hires): Boeing, Microsoft, Honeywell, Intel, Apple, Amazon, Philips, T Mobile, Lockheed Martin.

BACHELOR OF SCIENCE

AREAS OF IMPACT

Engineering Undeclared (ENGRUD) students explore the 12 different majors within the College of Engineering by learning about engineering areas of impact. There are many ways to interact with all of the areas of impact within Electrical and Computer Engineering. We encourage students to speak with ECE Advising to learn more!

AIR & SPACE



COMPUTING, DATA & DIGITAL TECHNOLOGIES



ENVIRONMENT, SUSTAINABILITY & ENERGY



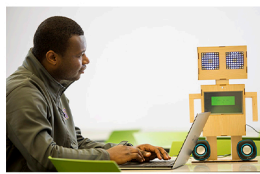
HEALTH & MEDICINE



INFRASTRUCTURE, TRANSPORTATION & SOCIETY



ROBOTICS & MANUFACTURING



CONCENTRATIONS

To gain technical expertise, students must select at least one major concentration. Concentrations to choose from include:

- **Advanced Electronic and Photonic Devices**
- **Biomedical Instrumentation**
- **Communications**
- **Controls**
- **Digital Signal and Image Processing**
- **Digital VLSI**
- **Embedded Computing Systems**
- **Integrated Systems**
- **Neural Engineering**
- **Power Electronics and Drives**
- **Sustainable Power Systems**

ADMISSIONS:

Freshman applicants who meet UW admissions criteria and who list an engineering department (or Engineering-undeclared) as their first choice major on their application will automatically be considered for Direct to College admission.

For more information about Direct to College admission visit:

<https://www.engr.washington.edu/admission/directtocollege/faq>

PLACEMENT ELIGIBILITY:

ENGRUD students request placement in an engineering major at the end of their first year.

The deadline for completing the placement requirements and requesting placement is **July 1**.

To be eligible for placement, you must have:

- Grade of 2.0 or higher in each prerequisite course
- Minimum 2.5 cumulative GPA in the courses required for placement
- Completed the following prerequisite courses or equivalent prior to the application deadline:

- E-FIG (ENGR 101 and GEN ST 199) - 2 credits
- MATH 124, 125, 126 - 15 credits
- CHEM 142 - 5 credits
- PHYS 121 - 5 credits
- ENGL 131 or other composition course - 5 credits
- Choose 1: CSE 142, PHYS 122, or PHYS 123

ENGRUD students should meet with their assigned engineering adviser for questions about how to request placement into a major.

