



UW



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

The University of Washington Bachelor of Science in Electrical & Computer Engineering (BSECE) 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

767 undergraduate students enrolled in the 2023 autumn quarter.

GETTING INVOLVED

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

65% of students in UW ECE pursue at least one internship.

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

POST GRADUATION

23% of UW ECE students go on to pursue graduate studies following graduation.

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

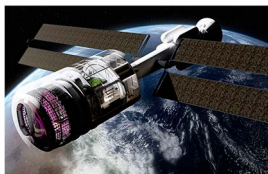
Top **9** employers (in order of hires): Amazon, Boeing, Microsoft, Philips, General Motors, Honeywell, Oracle, T-Mobile, Texas Instruments

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



PATHWAYS

Electrical and Computer Engineering has a flexible curriculum that allows students to craft a degree plan tailored to their interests by either pursuing a broad ECE degree or specializing in specific pathways.

To view some possible academic pathways, please visit:



www.ece.uw.edu/academics/bachelor-of-science/bsece/pathways/

ADMISSIONS

Freshman applicants who meet UW admissions criteria and who list an engineering department (or Engineering-undecided) 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 2.0 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: AMATH 301, BIOEN 215, CHEM 152, CHEM 153, CHEM 155, CHEM 162, CHEM 165, CSE 121, CSE 122, CSE 123, CSE 142, CSE 160, ENGR 115, ME 123, MSE 170, PHYS 122, PHYS 123, STAT 220
- (Recommended from list for ECE: CSE 121, CSE 122, CSE 123, CSE 142, or PHYS 122)

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