UW ECE BACHELOR’S PROGRAM
TRANSFER STUDENTS / NON-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

- **648** undergraduate students enrolled in the 2019-20 academic year

GETTING INVOLVED

- **50+** student clubs and competitions in the College of Engineering, including the IEEE student branch and the Advanced Robotics Club
- **52%** 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

- **30%** of UW ECE students go on to pursue graduate studies following graduation
- **$87,522** 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
RESEARCH AREAS

Our research brings us to the forefront of innovation. UW ECE’s world-class resources and facilities offer the perfect platform for active collaboration, redefining possibilities in robotics, nanotechnology, electromagnetics, data science, computers and energy. Our ongoing work continues to push the boundaries of modern science and helps to direct the future of hardware and integrated systems. Research areas include:

- Data Science
- Biosystems
- Computing and Networking
- Photonics and Nano Devices
- Power and Energy Systems
- Robotics and Controls

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 VLSI
- Embedded Computing Systems
- Integrated Systems
- Neural Engineering
- Power Electronics and Drives
- Sustainable Power Systems

ADMISSIONS:

Located in Seattle, Washington, the BSEE is a capacity-constrained major program, with admitted students having an average cumulative 3.5 - 3.7 GPA.

If you are a UW student and have not been admitted to the College of Engineering, it’s important to note that demand for engineering degrees far exceeds available space in classes; admission is not guaranteed and you should be prepared to pursue an undergraduate major outside of the College of Engineering.

For more information, please visit: www.engr.washington.edu/

The departmental application deadline is April 5 of every year for an Autumn start date of that same year.

For transfer students, information about deadlines to apply to the UW can be found at: admit.washington.edu/apply/dates-deadlines/

PREREQUISITES:

The following prerequisites must be completed with a grade prior to the application deadline:

- Calculus I, II, III (Math 124/125/126 at UW)
- Composition (English 131 or other courses at UW)
- Physics I, II (Physics 121/122 at UW)
- General Chemistry with lab (Chemistry 142 at UW)

In addition, the following courses must be completed before the start of autumn quarter:
- PHYS 123 — 5 credits
- MATH 307 — 3 credits

INTERESTED IN APPLYING?

For application information, please visit: ece.uw.edu/academics/bs/admissions/

Questions? Contact us at: undergrad@ece.uw.edu  |  ece.uw.edu