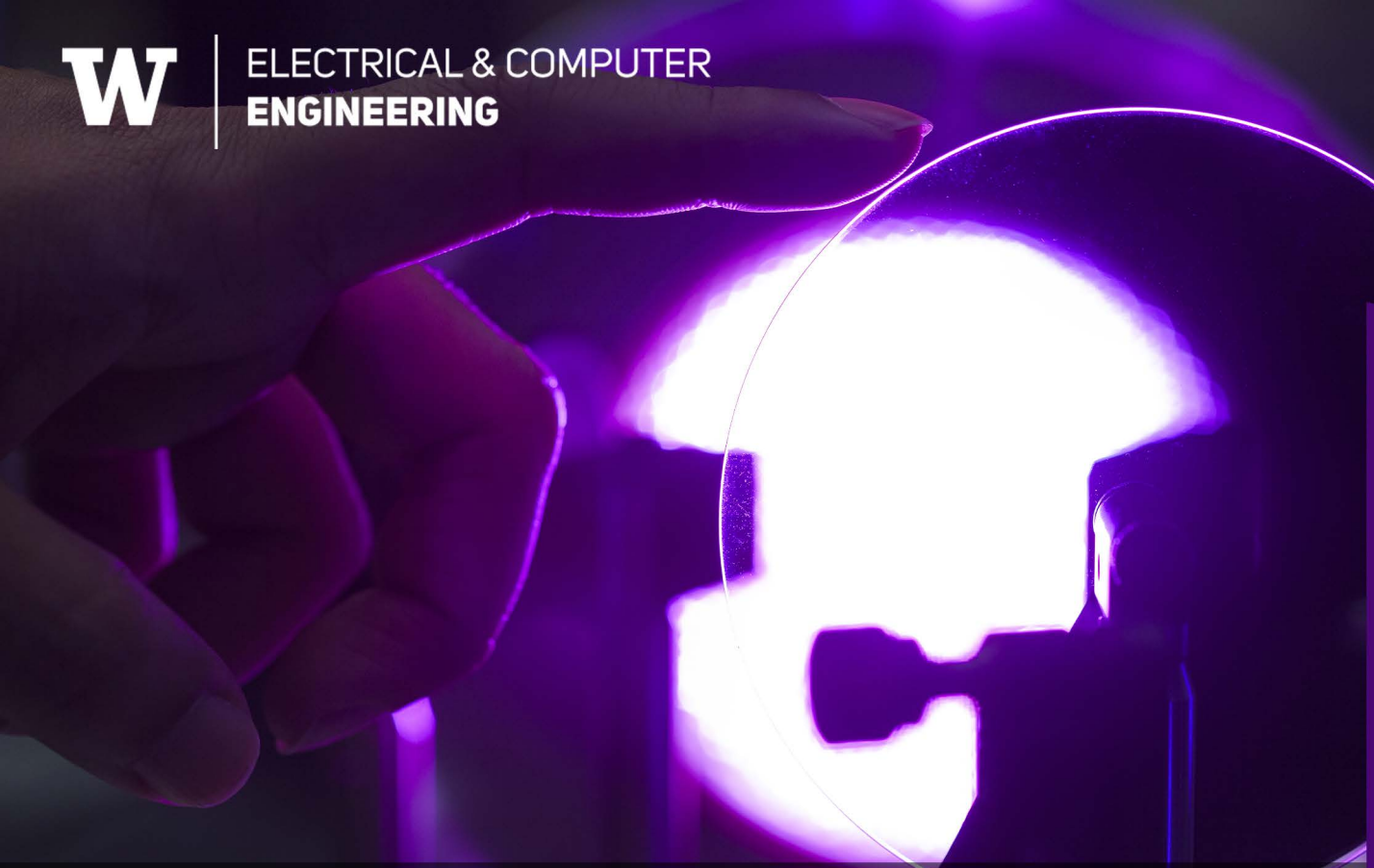

ELECTRICAL & COMPUTER ENGINEERING

DAYTIME MASTER'S PROGRAM

MSEE PROGRAM

The University of Washington Department of Electrical & Computer Engineering Master's Degree Program prepares students to enter the workforce with advanced skills or to pursue Ph.D. studies. Master's degree students include recent undergraduates seeking more technical depth, working engineers who want to advance their career and professionals from other backgrounds seeking to enter the field. Graduates impact the future by addressing pressing challenges in healthcare, energy, the environment, communication and more.

CAREERS

Located in Seattle, Washington, graduate students are in close proximity to prominent technology companies as well as a vibrant start-up community, making UW ECE an ideal location to launch a career. Master's Degree graduates enjoy rewarding positions at research institutions or in industry, working for companies such as Microsoft, Apple, Boeing, Facebook, Google, Amazon, IBM, Agilent, T-Mobile, Verizon, Motorola, Qwest, National Instruments and more.

PREREQUISITES

In addition to curiosity, critical thinking and problem-solving skills, graduate students have a strong background in math, science and programming. A bachelor's degree in electrical engineering is not required. The following prerequisites are recommended:

- EE 215, EE 233 and EE 235
- Programming skills at the level of CSE 142 and CSE 143

#18 ranked ECE graduate program in the U.S. (U.S. News & World Report, 2025-26)

#1 startup generator of any UW department. (UW CoMotion, 2025)

#2 best public university in the U.S. (U.S. News & World Report, 2025-26)

MSEE Admissions AY2025-26: 796 applicants / 129 offers

ENTREPRENEURIAL ENVIRONMENT

UW ECE is a leader in entrepreneurship efforts across campus, with the second most engineering startups. Technology developed in labs is frequently translated into the business community for real-world impact. In 2023, faculty and students, in collaboration with the UW commercialization hub CoMotion, reported the following:

UW ECE since FY2013:

- **24%** of all UW Engineering patents
- **60** Startup companies
- **746** New patents filed
- **181** Individual licensed technology
- **57** Companies that have licensed ECE technologies

FINANCIAL SUPPORT

Graduate students are encouraged to apply for funding from fellowships and awards, and for positions such as teaching assistantships, graders and work-study opportunities.

DEVOTED TO COMMUNITY

UW ECE is proud to have a strong contingent of diverse students, faculty and researchers. The department exceeds the national average for women tenure-track faculty, with 22% female faculty. UW ECE also supports students attending the annual Grace Hopper Celebration of Women in Computing and National Society of Black Engineers.

RESEARCH AREAS

UW ECE is active in most research areas of electrical and computer engineering, including the following:

- Data Sciences
- Computing & Networking
- Electronic, Photonic, and Integrated Quantum Systems (EPIQS)
- Biosystems
- Robotics & Controls
- Power & Energy

TWO OPTIONS OF STUDY

Master's degree students have the option of choosing a coursework or thesis option of study. The coursework option is typically selected by students who want to work in industry while the thesis option, which involves more in-depth research, is designed for students who may consider pursuing a Ph.D.

Evening Master's Program

Are you a working professional or a full-time student interested in a career in industry? The Electrical & Computer Engineering **Professional Master's Program** offers an exciting industry-focused curriculum with courses meeting in the evenings.

Visit **ece.uw.edu/academics/pmp/** for more info.

GETTING INVOLVED

UW Engineering has a welcoming and vibrant community of networks and support systems across campus, including the ECE Graduate Student Association, IEEE Women in Engineering, National Society of Black Engineers, American Indian Science & Engineering Society and many more.

ELECTRICAL & COMPUTER **ENGINEERING**

Questions? contact us at:
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