



SCHOOL OF STEM



PREPARING STUDENTS FOR STEM SUCCESS

UW Bothell's School of Science, Technology, Engineering & Mathematics provides access to high-quality programs where teaching and research are intertwined. Students learn to address the many problems facing our communities and the world.

Through cutting-edge research, hands-on training, and innovative classroom and lab experiences, our students graduate well prepared for high-demand, successful STEM careers across the region.

OUR UNDERGRADUATE PROGRAMS

Biological Sciences:

- Biology

Computing & Software Systems:

- Applied Computing
- Computer Engineering
- Computer Science & Software Engineering (Information Assurance and Cybersecurity option)

Engineering & Mathematics:

- Computer Engineering
- Electrical Engineering
- Mathematics
- Mechanical Engineering

Physical Sciences:

- Chemistry (Biochemistry option)
- Earth System Science
- Physics

OUR GRADUATE PROGRAMS

Master's degrees:

- Cybersecurity Engineering
- Computer Science & Software Engineering
- Electrical & Computer Engineering

Graduate Certificates:

- Software Design & Development
- Electrical & Computer Engineering Foundations

OUR CORE VALUES

- Collaboration across disciplines and community
- Opportunities for all students
- Responsibility in research and teaching
- Engagement through challenging and active learning experiences

WHY A STEM DEGREE?

- Metro Seattle is #1 in the United States in a ranking of best cities for STEM jobs. (*WalletHub, 2021*)
- Employer demand and job growth exceeds the number of educated STEM workers in Washington. (*The HELM Report, 2023*)



FIND OUT MORE ABOUT STEM PROGRAMS BY SCANNING HERE:



LAUNCHING STEM CAREERS

RESEARCH FOCUSED

UW Bothell's STEM students — even in their first year — can pursue a wide variety of research opportunities. By doing projects with faculty mentors, students develop strong, adaptive skills in analysis and problem solving.

EXPERIENTIAL LEARNING

Students engage in active learning experiences and enriching student-faculty interactions through industry-sponsored capstone projects, internships, research experiences for undergraduates (REU), graduate teaching and research assistantships.

ABET ACCREDITED PROGRAMS

Accreditation ensures undergraduate programs in Electrical Engineering, Mechanical Engineering and Computer Engineering meet the highest standards of quality.

CONNECTED TO TECH

UW Bothell is surrounded by emerging startups and major STEM employers. Industry partnerships see alumni and students engaged in fulfilling internships and careers at companies such as Amazon, Boeing, BRIOTECH, Google, Meta, Microsoft, Pfizer, Phillips and T-Mobile.

“My Husky Experience has taught me to be a leader, how to bring the most out of myself and those around me, and how I can use what I’ve learned to save and improve lives.”

— Nicholas Degrasse, Mechanical Engineering '20

SCHOOL STATS

- Average student-to-faculty ratio: 16 to 1
- Current students: 1,228 undergraduate students, 305 graduate students
- Alumni: 6,602 undergraduate degrees, 618 graduate degrees

THE UW BOTHELL DIFFERENCE

Diverse student body

- UW Bothell is designated as a **Minority Serving Institution**, with almost two-thirds of students identifying as people of color.

Access and opportunity

- UW Bothell is designated as a **First-Gen Forward** institution.
- About one-third of incoming first-year students and almost half of new incoming transfers will be the first in their immediate families to earn a four-year degree.
- **32%** of incoming first-year students and **38%** of incoming transfer students are eligible for federal Pell grants, based on family income.
- In 2023-24, **72%** of all undergraduate students and **69%** of all graduate students graduated debt-free.

Smart investment

- **UW Bothell ranks No. 1** in Washington state for students' **return on investment**. (PayScale 2024)
- **UW Bothell ranks No. 2** in the state for colleges that provide the **best value for students**. (Smart Asset 2023)

Driving regional impact

- Almost **92%** of UW Bothell students come from Washington state.
- **87%** of UW Bothell's more than **32,000 alumni** live and work in Washington state.