

Electrical Engineering



UNIVERSITY of WASHINGTON | BOTHELL
SCHOOL OF SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

[Website](#)

- This is a sample schedule of courses based on degree requirements. The actual degree plan may differ depending on the course of study selected, the number of starting credits, or the starting admission point.
- This guide is not a substitute for academic advising. Contact your academic advisor with questions about scheduling, unique interests, or degree requirements.
- **PROGRAM REQUIREMENTS:** You must complete B WRIT 134 with a minimum grade of 2.0 and STMATH124, STMATH125, and BPHYS121 with a minimum grade of 2.7. You must have a minimum cumulative GPA of 2.7 or higher to be considered for admission.

Year 1	Autumn	Winter	Spring
	◇ STMATH 124 - Calculus I	◇ STMATH 125 - Calculus II	◇ STMATH 126 Calculus III
	◇ B WRIT 134 Composition	◇ B WRIT 135 Research Writing	SSc/ DIV
	❖ A & H	◇ B CHEM 143 + 144: Gen. I Chem & Lab	❖ SSc
Year 2	Autumn	Winter	Spring
	◇ BPHYS 121 - Mechanics	◇ BPHYS 122 – Electromagnetism	◇ BPHYS 123 – Waves
	STMATH 207 Differential Equations	STMATH 224 Multivariable Calculus	STMATH 208 Matrix Algebra
	A & H	SSc	A & H
Year 3	Autumn	Winter	Spring
	CSS 132 Computer Programming for Engineers I	CSS 133 Computer Programming for Engineers II	CSS 301 Technical Writing for Computing
	B EE 215 Fundamentals of Electrical Engineering(4)	B EE Core Course	B EE Core Course
	STMATH 390 Probability & Statistics in Engineering	B EE Core Course	B EE Core Course
<i>B EE 215 should be completed in the first quarter of the program. It is required for most upper division EE coursework.</i>			
Year 4	Autumn	Winter	Spring
	B EE Core Course	B EE Upper Division Elective	B EE Upper Division Elective
	B EE Core Course	B EE Core Course	B EE Core Course
	B ENGR 494 Engineering Design and Innovation (3)	B EE Upper Division Elective	B ENGR 496 Capstone Project in Engineering II (4)
		B ENGR 495 Capstone Project in Engineering I (3)	

◇ **Prerequisite:** Must be completed prior to applying for a major.

❖ May be fulfilled with Discovery Core

All classes are 5 credits unless followed by a parenthesis with a number, indicating the number of credits.
Refer to the time schedule for up to date course offerings; including quarters, days and times.

This Map is a suggested sequence of the current curriculum which may be altered to carry out the academic objectives of the University. The University specifically reserves the right to change the student's current map at any time within the student's period of study.

Last updated: 10/15/2024