

# Electrical Engineering



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

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- This is a suggested 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:** Minimum 2.0 GPA in each prerequisite course. All prerequisites completed prior to application quarter
- **COMPETITIVE APPLICANTS:** Applicants who are generally competitive to EE will have the following: Prerequisite GPA of 3.4. Cumulative college GPA of 3.4. A positive grade trend with few to no repeats.

	Autumn	Winter	Spring
Year 1	◆ <b>STMATH 124 - Calculus with Analytical Geometry I</b>	◆ <b>STMATH 125 - Calculus with Analytical Geometry II</b>	◆ <b>STMATH 126 Calculus with Analytical Geometry III</b>
	◆ <b>B WRIT 134 Composition</b>	◆ <b>B WRIT 135 Research Writing</b>	I & S
	❖ VLPA	◆ <b>B CHEM 143 + 144: Gen. I Chem &amp; Lab</b>	❖ I & S
	Autumn	Winter	Spring
Year 2	◆ <b>PHYS 121 - Mechanics</b>	◆ <b>PHYS 122 – Electromagnetism</b>	PHYS 123 – Waves
	STMATH 307 Differential Equations	STMATH 308 Matrix Algebra	STMATH 324 Multivariable Calculus
	VLPA	I & S	VLPA
	Autumn	Winter	Spring
Year 3	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	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 complete in the first quarter of the program. It is required for most upper division EE coursework.</i>			
	Autumn	Winter	Spring
Year 4	B EE Upper Division Elective	B EE Upper Division Elective	B EE Upper Division Elective
	B EE Core Course	B EE Core Course	B EE Core Course
	B EE Core Course	B EE Core Course	B EE 496 Capstone Design II (3)
		B EE 495 Capstone Design I (2)	

- ◆ **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: 6/17/19