

DEGREE REQUIREMENTS	CURRICULUM NOTES
<p>Credits: 180</p> <p>Credits in major: 135-138</p> <p>GPA cumulative minimum: 2.5</p> <p>GPA major minimum: 2.5</p>	<ul style="list-style-type: none"> ECEGR/CPSC elective - 4 credits; Sci/Eng Elective - 4 credits. A list of allowable electives can be found in the Electrical and Computer Engineering Student Handbook. 96 credits shown <p>The example below assumes that you have completed the following prerequisites: Enter Seattle University with junior standing (90 credits) Have earned a transferable associate's degree A full year each of calculus and calc based physics, one quarter each multivariable calculus, linear algebra, differential equations, circuits and two quarters computer programming</p> <p>Students with AST may have additional core requirements depending on community college coursework</p>

Your personal program of study may vary from this due to prior educational experience or individual goals.

^P Indicates prerequisite required for course ^C Indicates co-requisite required for course

For complete information on courses, pre-requisites, etc., use this information in conjunction with the online Catalog (<http://catalog.seattleu.edu/>) for the current year.

FALL		WINTER		SPRING	
	CREDITS		CREDITS		CREDITS
JUNIOR	^P ECEGR 3110 – Electrical Circuits II	^P ECEGR 3120 – Semic. Dev. and Circuits	ECEGR 3710 – Systems and Signals	4	4
	^C ECEGR 3111 –Lab I: Circuits	^P ECEGR 3121 – Lab II: Electronics	^P ECEGR 3711 – Lab III: Signals and Systems Lab	2	2
	ECEGR 1200 – Digital Operations	^P ECEGR 2210 – Programmable Devices	^P ECEGR 2220 – Microprocessor Design	4	4
	^C ECEGR 2010 – Computer Tools	^P MATH 2310 – Probability and Statistics	^P ECEGR 3000 - Introduction to MATLAB	1	1
	^P CPSC 2430 – Data Structures		^P CPSC 3500 – Computing Systems	5	5
SENIOR	ECEGR 4870 – Engineering Design I	ECEGR 4880 – Engineering Design II	ECEGR 4890 – Engineering Design III	3	3
	^P ECEGR 4750 – Machine Learning I	^P ECEGR 3210 – Embedded Systems	^P ECEGR 4620 – Data Comm. Networks	5	4
	Sci/Eng Elective	ECEGR/CPSC Elective Lecture	CEEGR 3020 – Engineering Economy	4	3
	UCOR 2XXX	UCOR 2XXX	UCOR 2XXX	5	5

CORE MODULE I REQUIREMENTS	CORE MODULE II REQUIREMENTS	CORE MODULE III REQUIREMENTS	
	UCOR 2100 Theological Explorations	UCOR 3600- Soc Sci Global Challenge- satisfied in major	
	UCOR 2500 Philosophy of the Human Person		
	UCOR 2900-2940 Ethical Reasoning		