

DEGREE REQUIREMENTS	CURRICULUM NOTES
Credits: 180 Credits in major: 135 GPA cumulative minimum: 2.5 GPA major minimum: 2.5	<ul style="list-style-type: none"> ECEGR elective total 20 credits. A list of allowable electives can be found in the Electrical and Computer Engineering Student Handbook. 92 credits as shown <p>The example below assumes that you have completed the following prerequisites.</p> <p style="color: red;">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 and circuits, Sci/Eng elective 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		
COURSE	CREDITS	COURSE	CREDITS	COURSE	CREDITS	
JUNIOR	^P ECEGR 3110 – Electrical Circuits II	4	^P ECEGR 3120 – Semic. Dev. and Circuits	5	^P ECEGR 3710 – Systems and Signals	4
	^P ECEGR 3111 –Lab I: Circuits	2	^P ECEGR 3121 – Lab II: Electronics	2	^P ECEGR 3711 – Lab III: Signals and Systems	2
	ECEGR 1200 – Digital Operations	4	^P ECEGR 2210 – Programmable Devices	2	^P ECEGR 2220 – Microprocessor Design	4
	ECEGR 2010 – Computer Tools	1	ECEGR 3500 – Electrical Energy Syst.	4	^P ECEGR 3300 – Fields and Waves*	4
	^P MATH 2310 – Probability and Statistics	5			^P ECEGR 3000 - Introduction to MATLAB	1
SENIOR	^P ECEGR 4870 – Engineering Design I	3	^P ECEGR 4880 – Engineering Design II	4	^P ECEGR 4890 – Engineering Design III	3
	^P ECEGR Elective Lecture	4	^P ECEGR Elective Lecture	4	^P ECEGR Elective Lecture	4
	^P ECEGR Elective Lecture	4	^P ECEGR Elective Lab	2	^P ECEGR Elective Lab	2
	UCOR 2XXX	5	UCOR 2XXX	5	CEEGR 3020 Engineering Economy	3
				UCOR 2XXX	5	

CORE MODULE I REQUIREMENTS	CORE MODULE II REQUIREMENTS	CORE MODULE III REQUIREMENTS	
	UCOR 2100 Theological Explorations	UCOR 3600- Soc Sci Global Challenge- sat in major	*Students may also choose PHYS 3300,
	UCOR 2500 Philosophy of the Human Person		Electromagnetic Field Theory, to satisfy
	UCOR 2900-2940 Ethical Reasoning		this requirement.