ECEGR	Bachelor of Science in Electrical Engineering	2 YEAR TYPICAL PROGRAM OF STUDY	2014-2015

DEGREE REQUIREMENTS	CURRICULUM NOTES
Credits: minimum of 180 credits **Credits in major:** 132 **GPA cumulative minimum:** 2.5 **GPA major minimum:** 2.5	• ECEGR elective total 16 credits. A list of allowable electives can be found in the Electrical and Computer Engineering Student Handbook. • 94 credits shown **For complete information on courses, prerequisites, etc, use this information in conjunction with the online Catalog (http://catalog.seattleu.edu/) for the current year.**

The example below assumes that you enter Seattle University with junior standing (90 credits), have earned a transferable associate's degree, and have successfully completed the following: MATH 1334, 1335, 1336, 2330, 2320, and 2340, CPSC 1420, CPSC 1430, PHYS 1210, 1220, 1230, ECEGR 2100, and Science/Eng Elective.

Students with AST may have additional core requirements depending on community college coursework

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

	FALL		WINTER		SPRING	
	COURSE	CREDITS	COURSE	CREDITS	COURSE	CREDITS
JUNIOR	ECEGR 3110 – Electrical Circuits II	4	ECEGR 3120 – Semic. Dev. Ckts.	5	ECEGR 3710 – Systems and Signals	4
	ECEGR 3111 – Electrical Circuits Lab	2	ECEGR 3121 - Electronics Circuits Lab	2	ECEGR 3711 – Signals/Systems Lab	2
	ECEGR 1200 – Digital Operations	4	ECEGR 3500 – Electrical Energy Syst.	4	ECEGR 2220 – Microprocessor Design	4
	ECEGR 1010 - Prob. Solv. w/MATLAB	3	ECEGR 2210 – Programmable Devices	2	ECEGR 3300 – Fields and Waves	4
	ECEGR 2010 – Computer Tools	1	MATH 2310 – Probability and Statistics	5		
SENIOR	ECEGR 4870 – Engineering Design I	3	ECEGR 4880 – Engineering Design II	4	ECEGR 4890 – Engineering Design III	3
	ECEGR Elective Lecture	4	ECEGR Elective Lecture	4	ECEGR Elective Lecture	4
	ECEGR Elective Lecture	4	ECEGR Elective Lab	2	ECEGR Elective Lab	2
	UCOR 2100 – Theological Explorations	5	UCOR 2500 – Philosophy of the Human Person	5	UCOR 2900 – Ethical Reasoning	5
					CEEGR 3020 – Engineering Economy	3

CORE MODULE II REQUIREMENTS	CORE MODULE III REQUIREMENTS	
UCOR 2100 Theological Explorations	UCOR 3600-3640 Social Sciences Global Challenge-**sat in major**	
UCOR 2500 Philosophy of the Human Person		
UCOR 2900-2940 Ethical Reasoning		

COLLEGE OF SCIENCE & ENGINEERING

S&E Advising Center
Engineering 300

Work closely with your academic advisor to plan your program of study and the other co-curricular components of your educational plan.