

DEGREE REQUIREMENTS	CURRICULUM NOTES
<p>Credits: minimum of 180 credits</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"> *Assumes trigonometry (MATH 1022) not needed due to placement exam or college credit Assume placement into MATH 1334 by SAT/ACT/SU math placement exam or college credit ECEGR/CPSC electives total 8 credits. <p>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.</p> <p>The example below assumes you have completed no degree requirements. Your personal program of study may vary from this due to prior educational experience or individual goals.</p> <p>^P Indicates prerequisite required for course ^C Indicates co-requisite required for course</p>

	FALL		WINTER		SPRING	
	COURSE	CREDITS	COURSE	CREDITS	COURSE	CREDITS
FRESHMAN	ECEGR 1200 – Digital Operations and Computation	4	^P MATH 1335 – Calculus II	5	^P MATH 1336 – Calculus III	5
	^P MATH 1334 -- Calculus I (^C MATH 1022 Trig must be sat)*	5	^P PHYS 1210/1211 – Mechanics/Mechanics Lab	5	^P PHYS 1220/1221 – Electricity & Magnetism/Elec & Mag Lab	5
	UCOR 1XXX University Core	5	UCOR 1XXX University Core	5	UCOR 1XXX University Core	5
SOPHOMORE	^P ECEGR 2000 – Physical Comp with Python	4	^P ECEGR 2020 – C++ Programming	5	^P ECEGR 3000 – Introduction to MATLAB	1
	^P MATH 2330 – Multivariable Calculus	3	^P ECEGR 2210 – Programmable Devices	2	^P ECEGR 2220 – Microprocessor Design	4
	^P PHYS 1230/1231 – Waves & Optics/Waves & Optics Lab	5	^P MATH 2320 – Linear Algebra	3	^P ECEGR 2100 – Electrical Circuits I	5
	^P UCOR 2XXX University Core	5	UCOR 1XXX – University Core	5	^C ECEGR 2010 – Computer Tools	1
JUNIOR	^P ECEGR 3110 – Electrical Circuits II	4	^P ECEGR 3120 – Semiconductor Devices and Circuits	5	^P ECEGR 3710 – Signals and Systems	4
	^C ECEGR 3111 – Lab I: Circuits	2	^P ECEGR 3121 – Lab II: Electronics	2	^P ECEGR 3711 – Lab III: Signals and Systems	2
	^P MATH 2310 – Prob. And Statistics	5	^P ECEGR 3210 Embedded Systems	5	^P CPSC 3500 – Computing Systems	5
	^P CPSC 2430 – Data Structures	5	^P UCOR 2XXX University Core	5	^P UCOR 3XXX– University Core	5
SENIOR	ECEGR 4870 – Engineering Design I	3	ECEGR 4880 – Engineering Design II	4	ECEGR 4890 – Engineering Design III	3
	^P ECEGR 4750 – Machine Learning I	5	ECEGR/CPSC Elective Lecture	4	^P ECEGR 4620 – Data Comm. Networks	4
	Sci/Eng Elective	4	^P UCOR 3XXX – University Core	5	^P UCOR 2XXX – University Core	5
	CEEGR 3020 – Engineering Economy	3				

CORE MODULE I REQUIREMENTS	CORE MODULE II REQUIREMENTS	CORE MODULE III REQUIREMENTS
UCOR 1100 Academic Writing Seminar	UCOR 2100 Theological Explorations	UCOR 3100 Religion in a Global Context
UCOR 1200 Quantitative Reasoning – satisfied in major	UCOR 2500 Philosophy of the Human Person	UCOR 3400- Humanities & Global Challenges
UCOR 1300 Creative Expression and Interpretation	UCOR 2900-2940 Ethical Reasoning	UCOR 3600-Soc Sci Global Challenges- satisfied in major
UCOR 1400- Inquiry Seminar in the Humanities		
UCOR 1600- Inquiry Seminar in the Social Sciences		
UCOR 1800 Inquiry Seminar Natural Sci. satisfied in major		



Science and Engineering Advising Center
 206.296.2500, Engineering 300
 8:30am – 4:30pm Monday - Friday
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Work closely with your academic advisor to plan your program of study and the other co-curricular components of your educational plan.

Updated 3-21-2019