

DEGREE REQUIREMENTS	CURRICULUM NOTES
<p>Credits: minimum of 180 credits</p> <p>Credits in major: 134</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. Assumes placement into MATH 1334 by SAT/ACT/SU math placement exam or college credit; students not placing into MATH 1334 will need to take MATH 1321 as an elective. *Choose CEEGR 3260 – Transportation Engr., CEEGR 3280 – Timber Design, CEEGR 3760 – Environmental Law, or CEEGR 3860 – Sustainable Engr. Fundamentals of Engineering (FE) examination is required for graduation. <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	CREDITS	WINTER	CREDITS	SPRING	CREDITS
	COURSE		COURSE		COURSE	
FRESHMAN	MATH 1334 – Calculus I	5	MATH 1335 – Calculus II	5	MATH 1336 – Calculus III	5
	CEEGR 1050 – Engr. Graphics/Communication	3	PHYS 1210/1211 – Mechanics/Lab	5	PHYS 1220/1221 – Electricity and Magnetism/Lab	5
	CEEGR 1000 – Intro to Civil/Environ. Engr.	1	UCOR 1XXX University Core	5	UCOR 1XXX University Core	5
	UCOR 1XXX University Core	5				
OPHOMORE	MATH 2330 – Multivariable Calculus	3	MATH 2320 – Linear Algebra	3	MATH 2340 – Differential Equations	4
	CHEM 1500/1501 – General Chem. I/Lab	5	MATH 2315 – Probability, Statistics, and Data Computing	5	CEEGR 2500 – Intro. to Structural Design	4
	UCOR 2XXX University Core	5	MEGR 2100 – Statics	4	UCOR 1XXX University Core	5
	UCOR 2XXX University Core	5	BIOL 1610/11 – Biology I/Lab	5		
JUNIOR	CEEGR 3020 – Global Engr. Economics	3	CEEGR 3710 – Water Resources I	4	CEEGR 3110 – Surveying and Geomatics	5
	CEEGR 3310/3370 – Fluid Mechanics/Lab	5	CEEGR 3410 – Applied Environ. Bio. (offered WQ of even years)	4	CEEGR 3420 – Environ. Engr. Chem.	4
	CEEGR 3510 – Engr. Geology	4	CEEGR 3530 – Soil Mechanics	5	CEEGR 3350 – Applied Hydraulics	4
	CEEGR 2210/2220 – Mechanics of Matl. I/Lab	5	CEEGR 3260, 3280, 3760 or 3860*	3	CEEGR 4720 – Water Res. II or 4550 – Foundation Design	4
SENIOR	UCOR 2XXX University Core	5	CEEGR 4740 – Water/Wastewater Engr.	4	CEEGR 4750 – Hazardous Waste Engr.	4
	CEEGR 4730 – Prin. of Environ. Engr.	5	CEEGR 4880 – Engr. Design II	4	CEEGR 4890 – Engr. Design III	3
	CEEGR 4870 – Engr. Design I	3	UCOR 3XXX University Core	5	UCOR 3XXX University Core	5

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 Challenge – 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		

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	CEEGR 1000 – Intro to Civil/Environ. Engr.	1	UCOR 1XXX University Core	5	UCOR 1XXX University Core	5
	UCOR 1XXX University Core	5				
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	CHEM 1500/1501 – General Chem. I/Lab	5	CEEGR 3020 – Global Engr. Economics	3	CEEGR 2210/2220 – Mechanics of Matl. I/Lab	5
	MEGR 2100 – Statics	4	UCOR 2XXX University Core	5	CEEGR 2500 – Intro. to Structural Design	4
	UCOR 1XXX University Core	5	UCOR 2XXX University Core	5	UCOR 2XXX University Core	5
JUNIOR	MATH 2315 – Probability, Statistics, and Data	5	CEEGR 3230 – Mechanics of Matl. II	4	CEEGR 3110 – Surveying and Geomatics	5
	CEEGR 3310/3370 – Fluid Mechanics/Lab	5	CEEGR 3530 – Soil Mechanics	5	CEEGR 3420 – Environ. Engr. Chem.	4
	CEEGR 3510 – Engr. Geology	4	CEEGR 3710 – Water Resources I	4	CEEGR 3350 – Applied Hydraulics	4
			CEEGR 3260, 3280, 3760 or 3860*	3	CEEGR 4720 –Water Res. II or 4550—Foundation Design	4
SENIOR	CEEGR 4450 – Structural Mechanics	5	CEEGR 4470 or 4740**	4	CEEGR 4490 or 4750**	4
	CEEGR 4730 – Prin. of Environ. Engr.	5	CEEGR 4880 – Engr. Design II	4	CEEGR 4890 – Engr. Design III	3
	CEEGR 4870 – Engr. Design I	3	UCOR 3XXX University Core	5	UCOR 3XXX University Core	5

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