CEEGR | Bachelor of Science in Civil Engineering | TYPICAL 4 YEAR PROGRAM OF STUDY | 2019-2020

DEGREE REQUIREMENTS

Credits: minimum of 192 credits

Credits in major: 146

GPA cumulative minimum: 2.5

GPA major minimum: 2.5

CURRICULUM NOTES

- 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 – Green Engr.
- **Choose CEEGR 4470 – Structural Design I and CEEGR 4490 – Structural Design II **or** CEEGR 4740 – Water/Wastewater Engr. and CEEGR 4750 – Hazardous Waste Engr.
- Fundamentals of Engineering (FE) examination is required for graduation.

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.

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] Indicates prerequisite required for course [C] Indicates co-requisite required for course

	FALL		WINTER		SPRING	
	COURSE	CREDITS	COURSE	CREDITS	COURSE	CREDITS
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
	PHYS 1230/1231 – Waves and Optics/Lab	5	CHEM 1500/1501 – General Chem. I/Lab	5	MATH 2310 – Probability and Statistics	5
	MEGR 2100 – Statics	4	MEGR 2300 – Dynamics	4	CEEGR 2210/2220 – Mechanics of Matl. I/Lab	5
	UCOR 1XXX University Core	5	UCOR 2XXX University Core	5	CEEGR 2500 – Residential Design	3
JUNIOR	CEEGR 3020 – Global Engr. Economics	3	CEEGR 3230 – Mechanics of Matl. II	4	CEEGR 3110 – Surveying and Geomatics	5
	CEEGR 3310/3370 – Fluid Mechanics/Lab	5	CEEGR 3350 – Applied Hydraulics	4	CEEGR 3420 – Environ. Engr. Chem.	4
	CEEGR 3510 – Engr. Geology	4	CEEGR 3530 – Soil Mechanics	5	CEEGR 3710 – Water Resources I	4
	MEGR 2810 – Engr. Methods	4	CEEGR 3260, 3280, 3760 or 3860*	3	CEEGR 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 2XXX University Core	5	UCOR 3XXX University Core	5
	UCOR 2XXX 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**			

SEATTLEU
COLLEGE OF SCIENCE AND ENGINEERING

Science and Engineering Advising Center
206.296.2500, Engineering 300
8:30am – 4:30pm Monday - Friday
http://www.seattleu.edu/scieng/advising/

This is a sample plan that is subject to change.
Work closely with your academic advisor to plan your program of study and the other co-curricular components of your educational plan.

Updated 5/22/2018