CEEGR

Bachelor of Science in Civil Engineering
Environmental Specialization

TYPICAL 4 YEAR PROGRAM OF STUDY

2014-2015

DEGREE REQUIREMENTS	CURRICULUM NOTES
Credits: minimum of 192 credits **Credits in major:** 146 credits **GPA cumulative minimum:** 2.5 **GPA major minimum:** 2.5	• Assumes trigonometry (MATH 1322) 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. • Fundamentals of Engineering (FE) examination is required for graduation. **For complete information on courses, prerequisites, etc., use this information in conjunction with the online Catalog (http://catalog.seattleu.edu/) for the current year.**

This example assumes you have completed no degree requirements. Your personal program may vary from this due to prior educational experience or individual goals.

	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 – Mechanics	5	PHYS 1220 – Electricity and Magnetism	5
	CEEGR 1000 – Intro to Civil/Environ. Engr.	1	UCOR 1XXX University Core	5	UCOR 1XXX University Core	5
	UCOR 1XXX University Core	5				
SOPHOMORE	MATH 2330 – Multivariable Calculus	3	MATH 2320 – Linear Algebra	3	MATH 2340 – Differential Equations	4
	PHYS 1230 – Waves and Optics	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	BIOL 1610/1611 – Biology I/Lab	5	CEEGR 3350 – Applied Hydraulics	4	CEEGR 3110 – Engr. Measurements	5
	CEEGR 3020 – Global Engr. Economics	3	CEEGR 3410 – Bio. Prin. Environ. Engr.	4	CEEGR 3420 – Environ. Engr. Chem.	4
	CEEGR 3310/3370 – Fluid Mechanics/Lab	5	CEEGR 3530 – Soil Mechanics	5	CEEGR 3710 – Water Resources I	4
	CEEGR 3510 – Engr. Geology	4	CEEGR 3260, 3280, 3760 or 3860*	3	MEGR 2810 – Engr. Methods	4
SENIOR	CEEGR 4720 – Water Resources II	4	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 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 – **sat in major**	UCOR 2500 Philosophy of the Human Person	UCOR 3400-3440 Humanities Global Challenge
UCOR 1300 Creative Expression and Interpretation	UCOR 2900-2940 Ethical Reasoning	UCOR 3600-3640 Social Sciences Global Challenge – **sat in major**
UCOR 1400-1440 Inquiry Seminar in the Humanities		
UCOR 1600-1640 Inquiry Seminar in the Social Sciences		
UCOR 1800-1840 Inq Sem in the Natural Sciences – **sat in major**		

COLLEGE OF SCIENCE & ENGINEERING
Advising Center, ENGR 300

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