CEEGR | Bachelor of Science in Civil Engineering | 4 YEAR TYPICAL PROGRAM OF STUDY | 2013-2014

DEGREE REQUIREMENTS	CURRICULUM NOTES
Credits: minimum of 192 credits **Credits in major**: 146 **GPA cumulative minimum**: 2.5 **GPA major minimum:** 2.5	• Assumes trigonometry (MATH 121) not needed due to placement exam or college credit • Assumes placement into MATH 134 by SAT/ACT/SU math placement exam or college credit; students not placing into MATH 134 will need to take MATH 120 as an elective • **CEEGR 326–Transportation Engr. CEEGR 328–Timber Design CEEGR 376– Environmental Law CEEGR 386 – Green Engr.* • ***Choose CEEGR 455–Foundation Design or CEEGR 472–Water Resources* • ***Choose *CEEGR 447structural Design I and CEEGR 449 Structural Design II* **or** *CEEGR 474 Water/Wastewater Engr and CEEGR 475 Hazardous Waste Eng* • 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 134 – Calculus I	5	MATH 135 – Calculus II	5	MATH 136 – Calculus III	5
	CEEGR 105 – Engr. Graphics/Communication	3	PHYS 121 – Mechanics	5	PHYS 122 – Electricity and Magnetism	5
	CEEGR 100 – Intro to Civil/Environ. Engr.	1	UCOR 1XXX	5	UCOR 1XXX	5
	UCOR 1XXX	5				
SOPHOMORE	MATH 232 – Multivariable Calculus	3	MATH 233 – Linear Algebra	3	MATH 234 – Differential Equations	4
	PHYS 123 – Waves and Optics	5	CHEM 121/131 Gen. Chem. I/Lab	5	MATH 244 – Probability and Statistics	5
	MEGR 210 – Statics	4	MEGR 230 – Dynamics	4	CEEGR 221/222 – Mechanics of Matl. I/Lab	5
	UCOR 1XXX	5	UCOR 2XXX	5	CEEGR 250 – Residential Design	3
JUNIOR	CEEGR 302 – Global Engineering Econ	3	CEEGR 323 – Mechanics of Matl. II	4	CEEGR 311 – Engr. Measurements	5
	CEEGR 331 – Fluid Mechanics	4	CEEGR 335 – Applied Hydraulics	4	CEEGR 342 – Environ. Engr. Chem.	4
	CEEGR 337 – Fluids Lab	1	CEEGR 351 – Engr. Geology	4	CEEGR 353 – Soil Mechanics	5
	MEGR 281 – Engr. Methods	4	CEEGR 326, 328, 376, or 386*	3	CEEGR 371 – Water Resources I	4
	UCOR 2XXX	5				
SENIOR	CEEGR 445 – Structural Mechanics	5	CEEGR 447 or 474***	4	CEEGR 449 or 475***	4
	CEEGR 455 or 472**	4	CEEGR 488 – Engr. Design II	4	CEEGR 489 – Engr. Design III	3
	CEEGR 473 – Prin. of Environ. Engr.	5	UCOR 2XXX	5	UCOR 3100	5
	CEEGR 487 – Engr. Design I	3			UCOR 34XX	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 3400-3440 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			