Seattle University
Bachelor of Science in Civil Engineering
Environmental Engineering Specialty

	FALL			WINTER			SPRING			
FRESHMAN										
ENGL 110	Freshman English	5_____		MATH 135	Calculus II	5_____		HIST 120 or 121	History Core	5_____	
MATH 134	Calculus I	5_____		PHIL 110	Phil Prob: World	5_____		MATH 136	Calculus III	5_____	
CEEGR 105	Engr. Graph/Communic.	3_____		PHYS 121	Mechanics	5_____		PHYS 122	Elect. & Mag.	5_____	
_____	Free Elec (CEEGR 100)	1_____									
		14				15				15	
											44
SOPHOMORE											
ENGL 120	Literature Core	5_____		CHEM 121	Gen. Chem. I	4_____		CEEGR 221	Mechanics of Matl. I	4_____	
MATH 232	Multi Var. Calculus	3_____		CHEM 131	Gen. Chem. Lab I	1_____		CEEGR 222	Mechanics Lab I	1_____	
MEGR 210	Statics	4_____		MATH 233	Linear Algebra	3_____		CEEGR 250	Residential Design	3_____	
PHYS 123	Waves, Opt., Thermo	5_____		MEGR 230	Dynamics	4_____		MATH 234	Diff. Equations	4_____	
				PHIL 220	Phil. Prob: Person	5_____		MATH 244	Prob. & Stats	5_____	
		17				17				17	
											51
JUNIOR											
†BIOL 101	Prin. of Biology	5_____		CEEGR 335	Applied Hydraulics	4_____		CEEGR 311	Engr. Measurements	5_____	
†BIOL 161/171	General Biology I	5_____		CEEGR 341	Applied Environ. Bio.	4_____		CEEGR 342	Environ. Engr. Chem.	4_____	
CEEGR 302	Engr. Economy	3_____		CEEGR 351	Engr. Geology	4_____		CEEGR 353	Soil Mechanics	5_____	
CEEGR 331	Fluid Mechanics	4_____		CEEGR 326**	Transport. Engr.	3_____		CEEGR 371	Water Resources I	4_____	
CEEGR 337	Fluids Laboratory	1_____		CEEGR 328**	Timber Design	3_____					
MEGR 281	Engr. Methods	4_____		CEEGR 386**	Green Engineering	3_____					
				CEEGR 376**	Environmental Law	3_____					
		17				15				18	
											50
SENIOR											
CEEGR 455*	Found. Design	4_____		CEEGR 447*	Struct. Design I	4_____		CEEGR 449*	Struct. Design II	4_____	
CEEGR 472*	Water Resources II	4_____		CEEGR 474*	Water/Wastewat. Engr.	4_____		CEEGR 475*	Haz Waste Engr.	4_____	
CEEGR 473	Prin. of Environ. Engr.	5_____		CEEGR 488	Engr. Design II	4_____		CEEGR 489	Engr. Design III	3_____	
CEEGR 487	Engr. Design I	3_____		THRS ___	Rel. Studies Phase III	5_____		PHIL ___	Ethics	5_____	
THRS ___	Rel. Studies Phase II	5_____						_____	Soc. Science Core	5_____	
		17				13***				17	47

Oct-11

†Choose one
*Choose one in fall, winter and spring
**Choose at least one of these four electives
***Students may choose to add a 3-cr CEEGR elective

Total: 192 Credits 192