University of Portland SHILEY SCHOOL OF ENGINEERING

BS in Environmental Engineering

Recommended Course Plan

First Year

Fall (14 credits)		Spring (13 credits)	
EGR 110 (Introduction to Engineering)	2	EGR 111 (Engineering Computing)	2
CORE 101 (Anchor Seminar)	1	PHY 204/274 (General Physics I + Lab)	3+1
MTH 201 (Calculus I)	4	MTH 202 (Calculus II)	4
CHM 207/277 (General Chemistry I + Lab)	3+1	Core Course	3
Core Course	3		

Second Year

Fall (16 credits)		Spring (16 credits)	
CE 200 (Civil Engineering Seminar)	1	EGR 214 (Principles of Dynamics)	2
EVE 2XX (Biology for Env Engineers)	3	EGR 322 (Strength of Materials)	3
CE 201 (CE Design Graphics)	2	CE 367/CE 376 (Environmental Egr + Lab)	3+1
MTH 321 (Ordinary Differential Equations)	3	EGR 361 (Engineering Statistics)	3
EGR 211 (Statics)	3	MTH 301 (Vector Calculus)	4
CHM 208/278 (General Chemistry II + Lab)	3+1		

Third Year

Fall (16 credits)		Spring (16 credits)	
EGR 311 (Mechanics of Fluids I)	3	EGR 300 (Capstone Workshop)	0
CE 321/371 (Geotechnical Engineering + Lab)	3+1	CE 362/373 (Water Resources + Lab)	3+1
ME 331 (Thermodynamics I)	3	CHM 386 (Environmental Chemistry)	3
Core Course	3	CE 462 Sustainable Design	3
Core Course	3	Core Course	3
		Core Course	3

Fourth Year

Fall (15 credits)		Spring (15 credits)	
EVE/EGR 483 (Engineering Capstone)	3	EVE/EGR 484 (Engineering Capstone)	3
CE 466 (Water and Wastewater Design)	3	CE Elective	3
CE Elective	3	Core Course	3
Core Course	3	Core Course	3
Core Course	3	Core Course	3