

Department of Civil and Environmental Engineering

Environmental Engineering Program

www.pdx.edu/civil-environmental-engineering/undergraduate-programs

Possible 3+2 Year Pacific University/Portland State Course Plan

PACIFIC UNIVERSITY			PORTLAND STATE UNIVERSITY						
FRESHMAN	SOPHOMORE	JUNIOR-1	JUNIOR-2			SENIOR			
Students will complete the following courses during the first three years at Pacific University. Work with PU advisor for course planning.			SUMMER Quarter	FALL Quarter	WINTER Quarter	SPRING Quarter	FALL Quarter	WINTER Quarter	SPRING Quarter
Math / Science Requirements									
MATH 226- Calculus I									
MATH 227- Calculus II									
MATH 306 - Linear Algebra									
MATH 228- Calculus III									
MATH 311 - Ordinary Differential Equations									
CHEM 220/220L - General Chemistry I/Lab									
CHEM 230/230L - General Chemistry II/Lab									
PH 232 - General Physics I									
PH 242 - General Physics II									
Biol 308 - Microbiology									
MATH 411 - Partial Differential Equations									
					GEOL ENGR G 301				
Engineering Requirements									
CS 130- Intro to Software Tools	ELEM	FLUID	HYDR-	WATER		CHEM			
PHY 377 - Engineering Mechanics: Statics I	MICRO	MECH	AULICS	RES	ENVE	ENVR	ENVE		
PHY 378 - Engineering Mechanics: Statics II	BIOL	CE 361	CE 362	ENGR	Elective	TOXINS	Elective		
PHY 380 - Classical Mechanics: Dynamics	Bi 234	CE 361L	CE 362L	CE 364		CE 480			
PHY 384 - Thermodynamics	Bi 235 Lab	ENVE	ENVE	CE 412					
MATH 316 - Probability and Statistics		365	366	ENVE	W/WW	ENVE	ENVE		
		ENVE	ENVE	370	TRT	Elective	Elective		
		368	369		CE 474				
	STREN	CEE	ENV	Env Soils		DSG I	DSG II		
Students who complete and satisfy the Foundations and Explorations sections of the Pacific University undergraduate core and complete EC 314U at PSU will also have met the PSU complete general education (Community Studies Cluster) requirements.	OF MAT	Intro I	ENGR	CE 345/L	ENVE	CE 484	CE 494		
	EAS 212	CE 111		ENGR	Elective	CE 484L	CE 494L		
		CE 315	CE 371	GRAPH					
				CE 115		ENVE Elective			
General Education Requirement									
Apply to PSU and the CEE Upper Division Program by April 15th of the spring prior to anticipated fall term start date at Portland State University						PRIV			
						PUBLIC			
						INVEST			
						EC314U			
	Credits	9	12	15	12	16	19	11	

EXPLANATION

CREDIT HOURS

- 1
- 2
- 3
- 4



Option to accept MTH 411 Partial Differential Eqs from Pacific for ENVE Elective credits

94

Option to take either at Pacific or at PSU

Summer PSU courses subject to change. Option to take at PCC if available.



Maseeh College of Engineering and Computer Science