

Department of Civil and Environmental Engineering

Civil 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										
MATH 411 - Partial Differential Equations					GEOL ENGR G 301					
Engineering Requirements										
CS 130- Intro to Software Tools			STREN OF MAT	FLUID MECH	HYDR- AULICS	SOIL CLASS	BSCE Elective	GEOTE DES	BSCE Elective	
PHY 377 - Engineering Mechanics: Statics I			EAS	CE 361	CE 362	CE 341		CE 444		
PHY 378 - Engineering Mechanics: Statics II			212	CE 361L	CE 362L	CE 341L				
PHY 380 - Classical Mechanics: Dynamics										
PHY 384 - Thermodynamics			PLANE	CEE	STRUC	INDET				
MATH 316 - Probability and Statistics			SURV	MATS	ANLSYS	STRUC	Transpnt Elect* ^B	BSCE Elective	BSCE Elective	
			CE 211	CE 321		CE 325				
			CE 212	CE321L	CE 324					
				CEE	ENVIR	WATER		DSG I	DSG II	
				Intro I	ENGR	RES	Structural Elective * ^A	CE 484	CE 494	
				CE 111				CE 484L	CE 494L	
				CE 315	CE 371	CE 364			BSCE Elective	
					TRAN	ENGR				
					SYS	GRAPH				
					CE 351	CE 115				
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.										
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			General Education Requirement							
								PRIV		
								PUBLIC		
								INVEST		
								EC314U		
			Credits	8	12	19	15	12	15	14

EXPLANATION

CREDIT HOURS

1
2
3
4



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

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



Maseeh College of Engineering and Computer Science