

Department of Civil Engineering  
Taxonomy-wise PLOs Mapping with Courses of BSc. Civil Engineering for Session 2019

	Program Learning Outcomes (PLOs)	Taxonomy-wise PLOs Mapping with Courses of BSc. Civil Engineering for Session 2019																								
		PLO-1		PLO-2		PLO-3		PLO-4		PLO-5		PLO-6		PLO-7		PLO-8		PLO-9		PLO-10		PLO-11		PLO-12		
No. of Courses addressing PLOs		34		26		14		12		14		13		6		4		12		13		5		4		
Course Code	Course Name	TH.	LB.	TH.	LB.	TH.	LB.	TH.	LB.	TH.	LB.	TH.	LB.	TH.	LB.	TH.	LB.	TH.	LB.	TH.	LB.	TH.	LB.	TH.	LB.	
1 <sup>st</sup> Semester	MATH-00101	Applied Calculus	C2	C2C3																						
	ENGL-00102	Functional English																C3	A2							
	ISLA-00103	Islamic Studies									C2C2				C1C2											
	ELEN-03104	Basic Electrical Engineering	C2C2	C3	C3						P5	A2														
	CIEN-01105	Civil Engineering drawing	C2										A3								P4	P4				
	CIEN-01106	Civil Engineering materials	C2		C4						P3	A3	C2						A2							
2 <sup>nd</sup> Semester	MATH-00201	Applied Differential Equations	C2	C3C3																						
	PHYS-00202	Engineering Mechanics	C2C3	P4	C3	C2																	A2			
	PAKS-00203	Pakistan Studies														C2										
	MCEN-03204	Basic Mechanical Engineering	C2C2																							
	MCEN-03205	Workshop Practice		C2							P4	A3														
	CIEN-01206	Engineering Surveying	C2	C3							P3	A3							A2		C3					
3 <sup>rd</sup> Semester	CIEN-03301	Architecture and Town Planning	C2C2			C3																				
	COMP-01302	Computer Programming	C2	C3C3	C3C4					P4									P4							
	CIEN-01303	Civil Engineering Drawing & Graphics	C2								P4															
	CIEN-01304	Advanced Engineering Surveying & Geoinformatics	C3C2	C3							P4								A2		C3					
	CIEN-01305	Mechanics of Solids-I	C2	P3	C3	C3																	A3			
	GEO-01306	Engineering Geology	C2					C2								C3										
4 <sup>th</sup> Semester	MATH-00401	Numerical analysis	C3	C3	C3																					
	CIEN-01402	Structural analysis-I	C2	C3C4																						
	MGMT-00403	Engineering Economics		C3								C2	C4													
	CIEN-01404	Fluid Mechanics	C2	C3	P3C3																A2					
	CIEN-01405	Soil Mechanics	C2	C4				C3		P4											A2					
	CIEN-01406	Concrete Technology	C2			C3		P3C3				A3														
5 <sup>th</sup> Semester	MATH-00501	Probability & Statistics	C2C2	C3																						
	ENGL-00502	Technical Report Writing								P3										C1	A3			C4		
	MGMT-00503	Construction Engineering & Management	C3C3	C3							P4											C1	C6			
	CIEN-02504	Advance Fluid Mechanics		C4	C2	C3			P3											A3						
	CIEN-01505	Reinforced Concrete Design-I		C3C4	C4	C6	C6				C3												A5			
	CIEN-01506	Quantity & Cost estimation	C2			C3				C4													C2			
6 <sup>th</sup> Semester	CIEN-02601	Mechanics of Solids-II	C2	C4C3			C3	C3		P4												A2				
	CIEN-02602	Geotechnical & Foundation Engineering	C2	C4		C6			P4C3														A5			
	CIEN-01603	Transportation Engineering-I	C2				C6C6																			
	CIEN-01604	Structural Analysis-II			C4C4																					
	CIEN-01605	Engineering Hydrology		C2C2	C3			C3	P3															A3		
	SOCI-036xx	Social Science Elective																					C2C2		C3	
7 <sup>th</sup> Semester	CIEN-01701	Environmental Engineering-I	C1	C2	P3										C6								A2			
	CIEN-02702	Hydraulic Engineering	C2	C3C4	C3					P4														A3		
	CIEN-02703	Reinforced Concrete Design-II	C2				C6C6	C6			P3													A4		
	CIEN-02704	Transportation Engineering-II	C3				C6	C3		P3																
8 <sup>th</sup> Semester	SOCI-00801	Professional Ethics									C2					C2C3										
	MGMT-03802	Entrepreneurship									C2												C6		C4C2	
	CIEN-02803	Environmental Engineering-II	C2				C6									C2										
	CIEN-02804	Steel Structures	C2				C6C6	C6C6																C3		
	MGMT-02805	Irrigation Engineering & Water Management	C2				C6	C6	C2							A3										
	CIEN-01806	Civil Engineering Project		C2	C3		C6		C6		P5	A4	A4	A4	A4						A3	A4	A4		C5	