The Islamia University of Bahawalpur
Department of Civil Engineering

Taxonomy wise PLOs Mapping with Courses of BSc. Civil Engineering for 2022 Session

		Program Leanring Outcomes (PLOs)	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	28		24		15		14		13		13		5		6		9		13		5		7	
	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.
1st Semester	MATH-00101	Applied Calculus	C2		C2C3																					
	ENGL-00105	Functional English																			C3				C2	
	ISLA-00106	Islamic Studies															C2								C2	
	ELEN-03104	Basic Electro-mechanical Engineering	C2C2			C3						P5		A2												
	CIEN-01104	Engineering Drawing	C2											A3							P4	P4				
	CIEN-01102	Civil Engineering Materials	C2			C4			C3			P3		A3						A2						
	COMP-01103	Computer Programming	C2				C3					P4								P4						
2nd Semester	MATH-00201	Applied Differential Equations	C2		C3C4C3																					
	PHYS-00202	Engineering Mechanics	C3C3	P4	C3	C3																A2				
	PS-401	Pakistan Studies											C2C2													
	MCEN-03204	Workshop Practice		C1								P3						A3								
	CIEN-01205	Engineering Surveying	C2		C3							P3		A3						A2		C3				
	GEOL-00306	Engineering Geology	C2						C2						C3											
	MNGT-301	Life and academic skills																					C2		C3	
3rd Semester	CIEN-01301	Concrete Technology	C2				C3			P3C3				A3												
	CIEN-01302	Civil Engineering Drawing & Graphics		C2								P4														
	CIEN-01303	Advanced Engineering Surveying	C3		C3							P4								A2		C3				
	CIEN-01304	Mechanics of Solids-I	C2	P3	C3C3	C3																A3				
	CIEN-01305	Engineering Economics			C3								C2		C4								C4			
	TSAQN-00306	Arabic for Understanding Quran															C2								C2	
4th Semester	CIEN-01401	Construction Engineering	C2		C3																		C3			
	CIEN-01402	Structural Analysis-I	C2		C3C4																					
	CIEN-01403	Soil Mechanics	C2		C4					C3		P4								A2						
	MATH-00404	Numerical Analysis	C3		C3		C3																			
	CIEN-01405	Fluid Mechanics	C2		C3	P3C3														A2						
	ENGL-00406	Communication Skills & Technical Report writing												C2				C2			C3				A4	C2
5th Semester	MATH-00501	Probability & Statistics	C2		C3C3C3																					
	CIEN-02502	Advanced Fluid Mechanics			C4	C2	C3			P3										A3						
	CIEN-02503	Reinforced Concrete Design-I			C3C4	C4	C6	C6				C3										A5				
	CIEN-01504	Quantity & Cost estimation				C3				C4																
	CIEN-02505	Structural Analysis-II			C4C4C3																					
	CIEN-02506	Geotechnical Engineering	C2		C4					P4C3												A5				
6th Semester	MGMT-00601	Construction Project Management										P4											C3C3	C4		
	CIEN-02602	Mechanics of Solids-II	C2		C4C3				C3	C3		P4								A2						
	CIEN-02603	Reinforced Concrete Design-II	C2				C6C6	C6				P3										A4				
	CIEN-02604	Transportation Engineering-I	C2				C3																			
	CIEN-02605	Engineering Hydrology			C2C2	C3			C3	P3												A3				
7th Semester	CIEN-02701	Environmental Engineering-I					C4			P3			C2		C4											
	CIEN-03702	Architecture & Town Planning	C2C2				C3																			
	CIEN-02703	Foundation Engineering					C6		C4																	
	CIEN-02704	Transportation Engineering-II	C3				C6	C3		P3																
8th Semester	CIEN-02801	Environmental Engineering-II					C4						C2		C2											
	CIEN-02802	Steel Structures	C2				C6C6	C3C3C3														C3				
	CIEN-02803	Hydraulics & Irrigation Engineering			C4		C6	C6		P3				A3												
	LAW-402	Constitution and legal system of Pakistan											C2				C2								C2	
	CIEN-02805	Civil Engineering Project		C2		C3		C6		C6		P5		A4		A4		A4		A3		A4		A4		C5