

BS Computer Science				
Semester 1	Summer 2026			
	Course Code	Course Title	Credit Hours	Sections
	CP103	Introduction to Computing	3	1
	CP101	Introduction to Computing – Lab	1	1
	GE102	Basic Electronics	2	1
	GE101	Basic Electronics – Lab	1	1
	ENG110	Functional English	3	1
	PAK102	Ideology and Constitution of Pakistan	2	1
	AL143	Discrete Structures	3	1
	MAT103	Pre-Calculus	3	1
Semester 2	Section: 2			
	Course Code	Course Title	Credit Hours	Sections
	CP113	Programming Fundamentals	3	2
	CP111	Programming Fundamentals-LAB	1	2
	AR102	Digital Logic and Design	2	2
	AR101	Digital Logic and Design-LAB	1	2
	ENG211	Expository Writing	3	1
	MAT113	Calculus and Analytical Geometry	3	1
	CCE201	Civics and Community Engagement	2	1
	MAT123	Elementary Algebra	3	1
Semester 3	Section: 1			
	Course Code	Course Title	Credit Hours	Sections
	CP223	Object Oriented Programming	3	1
	CP221	Object Oriented Programming-LAB	1	1
	AR223	Computer Organization and Assembly Language	3	1
	AR221	Computer Organization and Assembly Language-LAB	1	1

	MAT243	Multivariate Calculus	3	1
	SEP203	Professional Practices	2	1
	ENT102	Fundamentals of Entrepreneurship	2	1
	MAT253	Probability & Statistics	3	1
Semester 4	Section: 1			
	Course Code	Course Title	Credit Hours	Sections
	CP233	Data Structure	3	2
	CP231	Data Structure – Lab	1	2
	DB203	Database Systems	3	2
	DB201	Database Systems - Lab	1	2
	SS202	Introduction to Economics	2	1
	SS102	Fundamentals of Psychology	2	1
	CSSS2753	Linear Algebra	3	1
	CSSE4153	Human Computer Interaction	3	1
	SE203	Software Engineering	3	1
Semester 5	Section: 1			
	Course Code	Course Title	Credit Hours	Sections
	ENG203	English III	3	1
	AR332	Operating Systems	2	1
	AR331	Operating Systems-LAB	1	1
	NS312	Information Security	2	1
	NS311	Information Security - Lab	1	1
	AL352	Artificial Intelligence	2	1
	AL351	Artificial Intelligence - Lab	1	1
	CSCP3063	Mobile Application Development	3	1
	CSAL3233	Design and Analysis of Algorithm	3	1
	CSSS2763	Differential Equation	3	1

Semester 6	Section: 1			
	Course Code	Course Title	Credit Hours	Sections
	CSCS3553	Operating Systems	3	1
	CSCS3551	Operating Systems - Lab	1	1
	CSAL3243	Artificial Intelligence	3	1
	CSAL3241	Artificial Intelligence - Lab	1	1
	CSNC2413	Computer Communications and Networks	3	1
	CSNC2411	Computer Communications and Networks - Lab	1	1
	CSAL3253	Theory of Automata	3	1
Semester 7	Section: 1			
	Course Code	Course Title	Credit Hours	Sections
	CSNC3413	Information Security	3	1
	CSCS4573	Compiler Construction	3	1
	CSAL4263	Numerical Computing	3	1
	CSMG3943	Organizational Behavior and Culture	3	1
Semester 8	Section: 1			
	Course Code	Course Title	Credit Hours	Sections
	CSGE4963	Professional Practices	3	1
	CSCS2543	Parallel and Distributed Computing	3	1
	CSMG3953	Fundamentals of Marketing	3	1
	CSST4713	DevOps Fundamentals	3	1
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