

BS Computer Science

BS Computer Science			
Semester 1	Summer 2024		
	Course Code	Course Title	Sections
	CP103	Introduction to Computing	1
	CP101	Introduction to Computing - Lab	1
	GE102	Basic Electronics	1
	GE101	Basic Electronics - Lab	1
	ENG110	Functional English	1
	PAK102	Ideology and Constitution of Pakistan	1
	AL143	Discrete Structures	1
	MAT103	Pre-Calculus	1
Semester 2	Summer 2024		
	Course Code	Course Title	Sections
	CSCP1013	Programming Fundamentals	2
	CSCP1011	Programming Fundamentals-LAB	2
	CSCS2523	Digital Logic and Design	1
	CSCS2521	Digital Logic and Design-LAB	1
	ENG102	Communication & Presentation Skills	1
	CSSS1713	Calculus and Analytical Geometry	1
	CSSS1853	Elementary Algebra	1
Semester 3	Summer 2024		
	Course Code	Course Title	Sections
	CSCP2023	Object Oriented Programming	1
	CSCP2021	Object Oriented Programming Lab	1
CSCS3543	Computer Org. & Assembly Lang.	1	

	CSCS3541	Computer Org. & Assembly Lang. Lab	1
	CSSS2733	Multivariate Calculus	1
	ISL201	Islamic Studies	1
Semester 5	Summer 2024		
	Course Code	Course Title	Sections
	CSCS3553	Operating Systems (OS-T) – Theory	1
	CSCS3551	Operating Systems (OS-Lab) – Lab	1
	CSSE3113	Introduction to Software Engineering - I (ISD)	1
	CSAL3233	Design and Analysis of Algorithm (AA)	1
	CSSS2763	Differential Equation (DE)	1
Semester 6	Summer 2024		
	Course Code	Course Title	Sections
	CSAL3243	Artificial Intelligence (AI-T)	1
	CSAL3241	Artificial Intelligence (AI-Lab)	1
	CSNC2413	Computer Communications and Networks (CCN-T)	1
	CSNC2411	Computer Communications and Networks (CCN-Lab)	1
	CSAL3253	Theory of Automata (TOA)	1
	CSNC3453	Cloud Computing	1
Semester 7	Summer 2024		
	Course Code	Course Title	Sections
	CSNC3413	Information Security (ISEC)	1
	CSCS4573	Compiler Construction (CC)	1
	CSAL4263	Numerical Computing (NM)	1
	CSMG3943	Organizational Behavior and Culture (OBC)	1
	CSSE4193	Software Testing	1

Summer 2024			
Semester 8	Course Code	Course Title	Sections
	CSGE4963	Professional Practices(PP)	1
	CSCS2543	Parallel and Distributed Computing	1
	CSHU4213	Business Law	1
	CSAL4243	Introduction to Machine Learning	1