

BS Artificial Intelligence				
Semester 1	Fall 2026			
	Course Code	Course Title	Credit Hours	Sections
	CP103	Introduction to Computing	3	3
	CP101	Introduction to Computing – Lab	1	3
	ENG110	Functional English	3	3
	GE102	Basic Electronics	2	3
	GE101	Basic Electronics – Lab	1	3
	PAK102	Ideology and Constitution of Pakistan	2	3
	AL143	Discrete Structures	3	3
	Only for Medical background students			
	MAT103	Pre-Calculus	3	1
Semester 2	Fall 2026			
	Course Code	Course Title	Credit Hours	Sections
	CP113	Programming Fundamentals	3	1
	CP111	Programming Fundamentals-LAB	1	1
	AR102	Digital Logic and Design	2	1
	AR101	Digital Logic and Design-LAB	1	1
	MAT113	Calculus and Analytical Geometry	3	1
	ENG211	Expository Writing	3	1
	CCE201	Civics and Community Engagement	2	1
	Only for Medical background students			
	MAT123	Elementary Algebra	3	1
	Fall 2026			
	Course Code	Course Title	Credit Hours	Sections
	CP223	Object Oriented Programming	3	3
	CP221	Object Oriented Programming-LAB	1	3

Semester 3	AR223	Computer Organization and Assembly Language	3	3
	AR221	Computer Organization and Assembly Language-LAB	1	3
	MAT253	Probability & Statistics	3	3
	SEP203	Professional Practices	2	3
	MAT243	Multivariate Calculus	3	3
	ENT102	Fundamentals of Entrepreneurship	2	3
Semester 4	Fall 2026			
	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
	SS102	Fundamentals of Psychology	2	2
	AL352	Artificial Intelligence	2	2
	AL351	Artificial Intelligence - Lab	1	2
	MAT233	Linear Algebra	3	2
	ISL201	Islamic Studies	2	2
Semester 5	Fall 2026			
	Course Code	Course Title	Credit Hours	Sections
	AR332	Operating System	2	2
	AR331	Operating System – Lab	1	2
	SE203	Software Engineering	3	2
	NS312	Information Security	2	2
	NS311	Information Security - Lab	1	2
	ENG203	Technical and Business Writing	3	2
	AI302	Programming for AI	2	2
	AI301	Programming for AI - Lab	1	2

	DS422	Big Data Analytics	2	2
	DS421	Big Data Analytics - Lab	1	2
Semester 6	Fall 2026			
	Course Code	Course Title	Credit Hours	Sections
	Not Offered			
Semester 7	Fall 2026			
	Course Code	Course Title	Credit Hours	Sections
	AICC4083	Software Engineering	3	2
	AIDE3313	Agent Based Modeling	3	2
	AIDC3063	Natural Language Processing	3	2
	AICC3083	Information Security	3	2
	AICC4093	Final Year Project - I	3	2
Semester 8	Fall 2026			
	Course Code	Course Title	Credit Hours	Sections
	Not Offered			