

BS Artificial Intelligence				
Semester 1	Semester Fall 2025			
	Course Code	Course Title	Credit Hours	Sections
	CP103	Introduction to Computing	3	2
	CP101	Introduction to Computing - Lab	1	2
	GE102	Basic Electronics	2	2
	GE101	Basic Electronics - Lab	1	2
	ENG110	Functional English	3	2
	PAK102	Ideology and Constitution of Pakistan	2	2
	AL143	Discrete Structures	3	2
	Only for Medical background students			
	MAT103	Pre-Calculus	3	1
Semester 2				
	Course Code	Course Title	Credit Hours	Sections
	CP113	Programming Fundamentals	3	2
	CP111	Programming Fundamentals - Lab	1	2
	AR102	Digital Logic Design	2	2
	AR101	Digital Logic Design - Lab	1	2
	MAT113	Calculus and Analytic Geometry	3	2
	ENG211	Expository Writing	3	2
	CCE201	Civics and Community Engagement	2	2
	Only for Medical background students			
	MAT123	Elementary Algebra (For Pre-Medical Students Only)	3	2
	Course Code	Course Title	Credit Hours	Sections
	CP223	Object Oriented Programming	3	2

Semester 3	CP221	Object Oriented Programming - Lab	1	2
	AR223	Computer Organization & Assembly Language	3	2
	AR221	Computer Organization & Assembly Language - Lab	1	2
	MAT253	Probability & Statistics	3	2
	SEP203	Professional Practices	3	2
	MAT243	Multivariable Calculus	2	2
	ENT102	Entrepreneurship	1	2
Semester 4				
	Course Code	Course Title	Credit Hours	Sections
	Not Offered			
Semester 5	Sections:			
	Course Code	Course Title	Credit Hours	Sections
	AICC3063	Operating System	3	2
	AICC3061	Operating System – Lab	1	2
	AIDC3022	Artificial Neural Networks	2	2
	AIDC3021	Artificial Neural Networks – Lab	1	2
	AIDC3032	Machine Learning	2	2
	AIDC3031	Machine Learning – Lab	1	2
	AICS2033	Analysis of Algorithms	3	2

	AIDE4313	Speech Processing	3	2
Semester 6				
	Course Code	Course Title	Credit Hours	Sections
	Not Offered			
Semester 7	Sections:			
	Course Code	Course Title	Credit Hours	Sections
	AICC4083	Software Engineering	3	1
	AIDC3063	Natural Language Processing	3	1
	AICC3083	Information Security	3	1
	AIDE4323	Reinforcement Learning	3	1
	AICC4093	Final Year Project - I	3	1
Semester 8	Course Code	Course Title	Credit Hours	Sections
	Not Offered			