

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

<b>Semester 3</b>	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
<b>Semester 4</b>				
	Course Code	Course Title	Credit Hours	Sections
	CP233	Data Structures	3	2
	CP231	Data Structures - Lab	1	2
	DB203	Database Systems	3	2
	DB201	Database Systems - Lab	1	2
	SS102	Fundamentals of Psychology	3	2
	AL312	Artificial Intelligence	2	2
	AL311	Artificial Intelligence - Lab	1	2
	MAT233	Linear Algebra	3	
<b>Semester 5</b>				
	Course Code	Course Title	Credit Hours	Sections
Not Offered				

		Sections:		
Semester 6	Course Code	Course Title	Credit Hours	Sections
	AIDC3043	Knowledge Representation and Reasoning	3	2
	AICS3042	Parallel and Distributed Computing	2	2
	AICS3041	Parallel and Distributed Computing-Lab	1	2
	AICC3073	Computer Networks	3	2
	AICC3071	Computer Networks-Lab	1	2
	AIDE4333	Big Data Analytics	3	2
	AIDC3052	Computer Vision	2	2
	AIDC3051	Computer Vision-Lab	1	2
Semester 7	Sections:			
	Course Code	Course Title	Credit Hours	Sections
Not Offered				
Semester 7	Sections:			
	Course Code	Course Title	Credit Hours	Sections
	AIGE4083	Professional Practices	3	1
	AIDE4303	Generative AI	3	1
	AIUE3873	Speak Well	3	1

AIUE3013	Fundamentals of Marketing	3	1
AICC4193	Final Year Project - II	3	1