

BS Artificial Intelligence				
Semester 1				
	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
	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)	Elementary Algebra	AB1, AB2
	Course Code	Course Title	Credit Hours	Sections

Semester 3	Not Offered			
Semester 4				
	Course Code	Course Title	Credit Hours	Sections
	AICC2053	Database Systems	3	2
	AICC2051	Database Systems – Lab	1	2
	AICC2043	Data Structures & Algorithms	3	2
	AICC2041	Data Structures & Algorithms - Lab	1	2
	ENG203	Technical and Business Writing	3	2
	AIMS2043	Differential Equations	3	2
	AIDC2012	Programming for Artificial Intelligence	2	2
	AIDC2011	Programming for Artificial Intelligence - Lab	1	2
Semester 5				
	Course Code	Course Title	Credit Hours	Sections
	Not Offered			
	Sections: AF1			

Semester 6	Course Code	Course Title	Credit Hours	Sections
	AICS3042	Parallel and Distributed Computing	2	1
	AICS3041	Parallel and Distributed Computing - Lab	1	1
	AIDC3052	Computer Vision	2	1
	AIDC3051	Computer Vision - Lab	1	1
	AIDC3043	Knowledge Representation and Reasoning	3	1
	AICC3073	Computer Networks	3	1
	AICC3071	Computer Networks - Lab	1	1
	AIDE3313	Agent Based Modeling	3	1
Semester 7				
	Course Code	Course Title	Credit Hours	Sections
	Not Offered			
Semester 8				
	Course Code	Course Title	Credit Hours	Sections
	Not Offered			

