

Course Offering
Semester: Spring 2025
Program: BS Artificial Intelligence

S.#	Code	Course Title	Status	Section	Pre-Req.	Co-Req.	Semester	Batch	Remarks
1.	AI1133	Introduction to Programming	Core	2	Nil	AI1131	1	BAI-251	
2.	AI1131	Introduction to Programming Lab	Core	3	Nil	AI1133	1	BAI-251	
3.	AIG1612	Applications of Information and Communication Technologies	General	2	Nil	AIG1611	1	BAI-251	
4.	AIG1611	Applications of Information and Communication Technologies Lab	General	3	Nil	AIG1612	1	BAI-251	
5.	AIG1312	Applied Physics	General	2	Nil	AIG1311	1	BAI-251	
6.	AIG1311	Applied Physics Lab	General	2	Nil	AIG1312	1	BAI-251	
7.	AIG1513	Calculus and Analytical Geometry	General	2	Nil	Nil	1	BAI-251	
8.	AIG1022	Ideology and Constitution of Pakistan	General	2	Nil	Nil	1	BAI-251	
9.	AIG1113	Functional English	General	2	Nil	Nil	1	BAI-251	
10.	AI1143	Object Oriented	Core	2	AI1133	AI1141	2	BAI-243	

S.#	Code	Course Title	Status	Section	Pre-Req.	Co-Req.	Semester	Batch	Remarks
		Programming							
11.	AI1141	Object Oriented Programming Lab	Core	3	AI1131	AI1143	2	BAI-243	
12.	AIG1412	Sociology	General	2	Nil	Nil	2	BAI-243	
13.	AIG1123	Expository Writing	General	2	AIG1113	Nil	2	BAI-243	
14.	MTAI1033	Linear Algebra	Allied	2	AIG1513	Nil	2	BAI-243	
15.	AIG1012	Islamic Studies/Ethics	General	2	Nil	Nil	2	BAI-243	
16.	AIG1010	Taleem ul Quran		2	Nil	Nil	2	BAI-243	
17.	AIG1573	Discrete Structures	General	2	Nil	Nil	2	BAI-243	
18.	AI2143	Data Structures	Core	2	AI1143	AI2141	3	BAI-241	
19.	AI2141	Data Structures Lab	Core	2	AI1141	AI2143	3	BAI-241	
20.	AI2313	Database Systems	Core	2	AI1133	AI2311	3	BAI-241	
21.	AI2311	Database Systems Lab	Core	2	AI1131	AI2313	3	BAI-241	
22.	AI2812	Artificial Intelligence	Core	2	AI1133	AI2811	3	BAI-241	
23.	AI2811	Artificial Intelligence Lab	Core	2	AI1131	AI2812	3	BAI-241	
24.	MTAI2063	Probability and Statistics	Allied	2	AIG1513	Nil	3	BAI-241	
25.	AIG2212	Personal Grooming	General	2	Nil	Nil	3	BAI-241	

S.#	Code	Course Title	Status	Section	Pre-Req.	Co-Req.	Semester	Batch	Remarks
26.	AIG2712	Entrepreneurship	General	2	Nil	Nil	3	BAI-241	
27.	AIG2812	Civics and Professional Ethics	General	1	Nil	Nil	4	BAI-233	
28.	MTAI1033	Linear Algebra	Allied	1	AIG1513	Nil	4	BAI-233	
29.	AIG1412	Sociology	General	1	Nil	Nil	4	BAI-233	
30.	AIG1022	Ideology and Constitution of Pakistan	General	1	Nil	Nil	4	BAI-233	
31.	AI2772	Computer Networks	Core	1	AI1133	AI2771	4	BAI-233	
32.	AI2771	Computer Networks Lab	Core	1	AI1131	AI2772	4	BAI-233	
33.	AI2412	Operating Systems	Core	1	AI2143	AI2411	4	BAI-233	
34.	AI2411	Operating Systems Lab	Core	1	AI2141	AI2412	4	BAI-233	
35.	AI2822	Programming for AI	Core	1	AI1133	AI2821	4	BAI-233	
36.	AI2821	Programming for AI Lab	Core	1	AI1131	AI2822	4	BAI-233	