

BS Data Science				
Semester 1	Fall 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
	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
	Not Offered			
Semester 3	Fall 2026			
	Course Code	Course Title	Credit Hours	Sections
	CP223	Object Oriented Programming	3	3
	CP221	Object Oriented Programming-LAB	1	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
	Not Offered			
Semester 5	Fall 2026			
	Course Code	Course Title	Credit Hours	Sections
	AR332	Operating Systems	2	2
	AR331	Operating Systems - Lab	1	2
	SE203	Software Engineering	3	2
	AL352	Artificial Intelligence	2	2
	AL351	Artificial Intelligence - Lab	1	2
	NS312	Information Security	2	2
	NS311	Information Security - Lab	1	2
	ENG203	Technical & Business Writing	3	2
	ML302	Machine Learning	2	2
	ML301	Machine Learning - 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
	DSDB3332	Data Mining	2	1
	DSDB3331	Data Mining – Lab	1	1
	DSNS4433	Information Security	3	1
	DSNS3473	Blockchain	3	1
	DSMG1923	Financial Accounting	3	1
	DSDS3162	Exploratory Data Analysis & Visualization	2	1
	DSDS3161	Exploratory Data Analysis & Visualization	1	1
	DSSD4913	Final Year Project - II	3	1
Semester 8	Fall 2026			
	Course Code	Course Title	Credit Hours	Sections
	Not Offered			