

BS Data Science				
Semester 1	Semester: Spring 2026			
	Course Code	Course Title	Credit Hours	Sections
	Not Offered			
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 Analytical Geometry	3	2
	ENG211	Expository Writing	3	2
	CCE201	Civics and Community Engagement	3	2
	MAT123	Elementary Algebra (For Medical Background only)	3	1
Semester 3				
	Course Code	Course Title	Credit Hours	Sections
	Not Offered			
	Course Code	Course Title	Credit Hours	Sections

Semester 4	CP233	Data Structures	3	4
	CP231	Data Structures - Lab	1	4
	DB203	Database Systems	3	4
	DB201	Database Systems - Lab	1	4
	SS102	Fundamentals of Psychology	3	4
	DS202	Introduction to Data Science	2	4
	DS201	Introduction to Data Science – Lab	1	4
	MAT233	Linear Algebra	3	4
	ISL201	Islamic Studies	2	4
Semester 5				
	Course Code	Course Title	Credit Hours	Sections
	Not Offered			
Semester 6				
	Course Code	Course Title	Credit Hours	Sections
	DSDS2143	Tools and Techniques for Data Science	3	1
	DSAL3533	Artificial Intelligence	3	1
	DSAL3531	Artificial Intelligence – Lab	1	1
	DSNS3423	Computer Comm. And Networks	3	1
	DSNS3421	Computer Comm. And Networks - Lab	1	1
	DSAL3573	Deep Natural Language Processing	3	1
	DSDS4472	Big Data Analytics	2	1
	DSDS4471	Big Data Analytics - Lab	1	1

Semester 7				
	Course Code	Course Title	Credit Hours	Sections
	Not Offered			
Semester 8				
	Course Code	Course Title	Credit Hours	Sections
	DSNS3482	Parallel and Distributed Computing	2	1
	DSNS3481	Parallel and Distributed Computing – Lab	1	1
	DSGE4753	Professional Practices	3	1
	DSDS4152	Data Warehousing & Business Intelligence	2	1
	DSDS4151	Data Warehousing & Business Intelligence – Lab	1	1
	DSDS3013	Fundamentals of Marketing	3	1
	DSSD4923	Final Year Project II	3	1