

BS Data Science				
Semester 1				
	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 Analytic Geometry	3	2
	ENG211	Expository Writing	1	2
	CCE201	Civics and Community Engagement	2	2
	MAT123	Elementary Algebra (For Pre-Medical Students Only)	3	1
Semester 3				
	Course Code	Course Title	Credit Hours	Sections
	Not Offered			
	Course Code	Course Title	Credit Hours	Sections

Semester 4	DSSS2863	Probability and Statistics	3	4
	DSCP2043	Data Structures and Algorithms	3	4
	DSCP2041	Data Structures and Algorithms – Lab	1	4
	DSDB2313	Introduction to Database Systems	4	4
	DSDB2311	Introduction to Database Systems - Lab	1	4
	DSSS2873	Linear Algebra	3	4
	ENG203	Technical & Business Writing	3	4
Semester 5				
	Course Code	Course Title	Credit Hours	Sections
	Not Offered			
Semester 6				
	Course Code	Course Title	Credit Hours	Sections
	DSAL3253	Theory of Automata	3	6
	DSAL3533	Artificial Intelligence	3	6
	DSAL3531	Artificial Intelligence – Lab	1	6
	DSNS3423	Computer Communication and Networks	3	6
	DSNS3421	Computer Communication and Networks – Lab	1	6
	DSDB3343	Information Retrieval	3	6
	DSNS4493	Distributed Database Systems	3	6
	Sections: DS61			
	Course Code	Course Title	Credit Hours	Sections

Semester 7	Not Offered			
Semester 8	Course Code	Course Title	Credit Hours	Sections
	DSNS3482	Parallel and Distributed Computing	2	8
	DSNS3481	Parallel and Distributed Computing - Lab	1	8
	DSGE4753	Professional Practices	3	8
	DSDS4152	Data Warehousing and Business Intelligence	2	8
	DSDS4151	Data Warehousing and Business Intelligence - Lab	1	8
	DSMG3943	Organizational Behavior and Culture	3	8
	DSSD4923	FYP-II	3	1