

BS Data Science				
Semester 1	Sections: DA1, DA2			
	Course Code	Course Title	Credit Hrs	Sections
	CP103	Introduction to Computing	3	2
	CP101	Introduction to Computing – Lab	1	2
	GE102	Basic Electronics	2	2
	GE101	Basic Electronics – Lab	1	2
	ENG110	Functional English	3	2
	PAK102	Ideology and Constitution of Pakistan	2	2
	AL143	Discrete Structures	3	2
	Only for Pre-Med Students			
	MAT103	Pre-Calculus	3	2
Semester 2	Sections:			
	Course Code	Course Title	Credit Hrs	Sections
	Not Offered			
	Sections: DC1			
	Course Code	Course Title	Credit Hrs	Sections
	DSCP2033	Object Oriented Programming	3	1
	DSCP2031	Object Oriented Programming-LAB	1	1

Semester 3	DSCS2543	Computer Organization and Assembly Language	3	1
	DSCS2541	Computer Organization and Assembly Language-LAB	1	1
	DSDS1112	Fundamentals of Data Science	2	1
	DSDS1111	Fundamentals of Data Science- Lab	1	1
	DSAL2513	Discrete Structure	3	1
	QTR101	Quran Translation	1	1
	ISL201	Islamic Studies	2	1
Semester 4	Sections: DS21			
	Course Code	Course Title	Credit Hrs	Sections
	Not Offered			
Semester 5	Sections: DC1			
	Course Code	Course Title	Credit Hrs	Sections
	DSNS3413	Operating Systems		1
	DSNS3411	Operating Systems-LAB		1
	DSSD3213	Software Engineering		1
	CSAL3233	Design and Analysis of Algorithm		1
	DSSS2853	Applied Statistics		1
	DSDS2143	Tools and Techniques for Data Science		1
	Sections: A			
	Course Code	Course Title	Credit Hrs	Sections

Semester 6	Not Offered			
Semester 7	Sections: DS61			
	Course Code	Course Title	Credit Hrs	Sections
	DSDB3332	Data Mining	3	1
	DSDB3331	Data Mining – Lab	1	1
	DSNS4433	Information Security	3	1
	DSAL4583	Introduction to Machine Learning	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 - I	3	1
Semester 8	Course Code	Course Title		Sections
	Not Offered			