

B.Sc. (Data Science)	Credit	B.Sc. (Data Science)	Credit
Subjects		Subjects	
First Semester	23	Fourth Semester	24
Communication Skills in English	3	Calculus and Linear Algebra	6
Basic Mathematics	6	Basics of Data Science	3
Principles of Management	3	Computer Networks	3
Computer Fundamentals	3	Data Analysis with Python	4
Fundamentals of C	4	Machine Learning	5
Web Fundamentals	4	(Elective 1) Data Mining	3
Second Semester	22	(Elective 1) R Programming	
Environmental Studies	2	(Elective 1) Data Visualization	
Basic Statistics and Discrete Mathematics	6		
Digital Electronics	4	Fifth Semester	22
Fundamentals of DBMS	5	Indian Constitution	2
Advanced Programming in C	4	Deep Learning with Artificial Neural Networks	6
Seminar	1	Introduction to IoT and Big Data	4
Third Semester	22	Cyber Security	4
Universal Human values	2	Project II	2
Data structures	4	(Elective 1) Big Data Analytics with Hadoop	4
Data Analysis using Spreadsheets	3	(Elective 1) Basics of NoSQL & MONGO DB	4
Fundamental Programming with Python	5	(Elective 1) Introduction to Cloud Computing	
Advanced Statistics and Discrete mathematics	6	Sixth Semester	
Project I	2	Internship / Software Project Development	15
Total Credits			128