

M.Sc. in Data Science

SEMESTER 1

Mathematical Foundation for
Data Science
Data Structures and Algorithms
(Lab: Python)
Statistical Methods (Lab: R)
Programming Lab
Introduction to Database
Management

SEMESTER 2

Machine Learning
Numerical Methods for
Data Science
Big-Data Processing
Mini Project -1
Optimization
Technical Elective - 1

SUMMER 1

Value Added Courses

SEMESTER 3

Deep Learning
Interactive Data Visualization
Open Elective -1
Technical Elective - 2
Mini Project -2

SEMESTER 4

Full Time On-Campus
Projects / Industry
Internships