Year 1: Semester 1	**Year 1: Semester 2**
• Descriptive Statistics - 1 • Introduction to Probability Theory • Discrete Mathematics • Calculus and Differential Equations • Functional Programming • Micro Economics • Effective Communication	• Descriptive Statistics - II • Discrete Probability Distributions • Continuous Probability Distributions • Linear Algebra • Numerical Methods • Python Programming • Macro Economics • Environmental Studies
Year 2: Semester 3	**Year 2: Semester 4**
• Sampling Theory • Sampling Distributions & Applications • Estimation Theory • Operations Research - I • Multivariate Calculus • Introduction to R • Financial Economics • Research Methods • Projects	• Hypothesis Testing • Design of Experiments • Stochastic Processes • Actuarial Science • Data Management • Applied Economics • Research Writing • Projects
Year 3: Semester 5	**Year 3: Semester 6**
• Time Series and Forecasting • Operations Research - II • Statistics in Life Science • Principles of Marketing • Fundamentals of Financial Risk • Visual Analytics • Employability Skills • Projects	• Introduction to Data Science • Quality Management • Statistical Modelling in Marketing Analytics • Statistical Modelling in Financial Risk • Data Science using R • Business Ethics • Projects