SEMESTER 1
ASD1CJ101/ASD1MN100 - Core Course 1 in Major: Descriptive statistics
Minor Course 1
Minor Course 2
Ability Enhancement Course 1- English
Ability Enhancement Course 2 – Additional language
Multi-Disciplinary Course 1 – Other than Major

SEMESTER 2
ASD2CJ101/ASD2MN100 - Core Course 2 in Major: Probability and random variables
Minor Course 3
Minor Course 4
Ability Enhancement Course 3- English
Ability Enhancement Course 4 – Additional language
Multi-Disciplinary Course 2 – Other than Major

SEMESTER 3
ASD3CJ201/ASD3MN200 - Core Course 2 in Major: Probability distributions
ASD3CJ202 - Core Course 2 in Major: Bivariate random variables and limit theorems
Minor Course 5
Minor Course 6
Multi-Disciplinary Course 3 – Kerala knowledge system
Value added course 1 - English

SEMESTER 4
ASD4CJ203 - Core Course 5 in Major: Sampling methods
ASD4CJ204 - Core Course 6 in Major: Sampling distributions and Estimation theory
ASD4CJ205 - Core Course 7 in Major: Testing of hypothesis
Value added course 2 - English
Value added course 3 – Additional language
Skill enhancement course - English

SEMESTER 5
ASD5CJ301 - Core Course 8 in Major: Design and analysis of experiments
ASD5CJ302 - Core Course 9 in Major: Data mining techniques
ASD5CJ303 - Core Course 10 in Major: Introduction to time series and Index numbers
Elective course 1 in major
Elective course 2 in major
Skill enhancement course 2

SEMESTER 6
ASD6CJ304 - Core Course 11 in Major: Linear regression Analysis
ASD6CJ305 - Core Course 12 in Major: Multivariate analysis
ASD6CJ306 - Core Course 13 in Major: Statistical Machine learning
Elective course 3 in major
Elective course 4 in major
STA6FS113 - Skill enhancement course 2: Data Analysis in Statistics
STA6FS349 – Internship in Major (Credit for the internship to be awarded only at the end of the semester 6)

SEMESTER 7
STA7CJ401 - Core Course 14 in Major: Advanced analytical Tools
STA7CJ402 - Core Course 15 in Major: Probability theory
STA7CJ403 - Core Course 16 in Major: Distribution theory
STA7CJ404 - Core Course 17 in Major: Advanced sampling method & design of
Experiments
STA7CJ405 - Core Course 18 in Major: Advanced statistical inference

SEMESTER 8
STA8CJ406/ STA8MN406 - Core Course 19 in Major: Applied stochastic processes and
Time Series analysis
STA7CJ402/ STA8MN407 - Core Course 20 in Major: Applied multivariate
STA7CJ403/ STA8MN408 - Core Course 21 in Major: Generalized linear Models
                    OR (instead of core course 19-21 in Major)
STA8CJ449 - Project (in honours programme)
STA8CJ499 - Research project (in honours with research programme)
             Elective course 5 in Major / Minor Course 7
             Elective course 6 in Major / Minor Course 8
             Elective course 7 in Major / Minor Course 9/ Major course in any other
             discipline
    **OR (instead of elective course 7 in Major, in the case of Honours with research
                          programme)**
STA8CJ489 - Research Methodology