

M.Sc. in Information Technology

SEMESTER 1

Discrete Mathematics
Programming
Communication Skills
Algorithms and Data Structures
Database Management System

SEMESTER 2

Computer Networks
Object-Oriented Programming
and Data Structures
Software Engineering
Systems Programming
Web Programming

SUMMER 1

8 Week Summer Internship

SEMESTER 3

Design of Software Systems (Core Course)
Enterprise Computing (Core Course)
Technical Elective – I
Technical Elective – II
Open Elective – I
Technical Electives: Cloud Computing
Coding Theory by Example
Information Systems Security
Software Project Management

Open Electives:

Approaches to Science Fiction
ICT for Service Sector
Introduction to Drama
Life Skill and Ethics
Modern European Philosophy

SEMESTER 4

6-Months Internship