
MASTER OF SCIENCE (INFORMATION AND COMMUNICATION TECHNOLOGY)

PROGRAMME STRUCTURE

The Master of Science (Information and Communication Technology) is offered by **coursework**. Students are required to complete at least 42 credit hours, which comprise of the following:

CORE COURSE (24 CREDIT HOURS)

STIA 5014	Principles and Techniques in Programming
STID 5024	Database Application Development
STIW 5034	Information System Development
STIJ 5024	Internet Technology
STIK 5014	Computer Systems and Networks
SZRZ 6014	Research Methodology

ELECTIVE COURSE (12 CREDIT HOURS)

Choose any 3 courses from any one of the specialization listed below or any other courses approved by the College:

A) INFORMATION MANAGEMENT

STID 6014	IT Policy and Strategy
STID 6024	Decision Support System
STID 6034	E-Government & Managing ICT in Public Sector
STID 6044	Managing Knowledge in a Changing World
STID 6054	Seminar in Information Technology

B) NETWORK AND COMMUNICATION

STIJ 6014	Network Security
STIJ 6024	Information Security
STIJ 6034	Network Management
STIJ 6044	Mobile Internet Programming
STIJ 6054	Computer Forensic
STIK 6014	Network Architecture and Design

C) ARTIFICIAL INTELLIGENCE

STIN 6034	Intelligent Agent Development
STIN 6044	Intelligent Database
STIN 6054	Web based Intelligent System
STIN 6064	Natural Language Computing
STIN 6074	Fuzzy Logic
STIN 6084	Genetic Algorithms

D) SOFTWARE ENGINEERING

STIV 5014	Interaction Design
STIW 6014	Requirements Engineering
STIW 6024	Measuring Software Engineering
STIV 6014	Usability Engineering
STIJ 6044	Mobile Internet Programming

E) MULTIMEDIA

STIV 5014	Interaction Design
STIV 6024	Virtual Reality
STIV 6014	Usability Engineering
STIV 6034	Video Production Technique
STIJ 6044	Mobile Internet Programming

PROJECT PAPER (6 CREDIT HOURS)

STIZ 6996	Project Paper
-----------	---------------