



Graduate Programs

Master of Computer Science (MCS)

A professional non-thesis program intended for those seeking a broad and flexible conceptual and practical background in computer science.

Core Subjects (18 Units)

Data Structures and Algorithms
Design and Analysis of Algorithms
Computer Architecture & Networking Technologies
Operating Systems
Database Systems
Theory of Programming Languages

Track A: Information Systems (9 Units)

Advanced Systems Analysis & Design, & Software Engineering
Information Systems Design
Client-Server Technologies

Track B: Artificial Intelligence (9 Units)

Introduction to Artificial Intelligence
Automata, Computability & Formal Languages
Computing with Symbolic Expressions

Electives (6 Units)

Methods of Research in CS (3 Units)

Comprehensive Exam

Thesis Project (6 Units)

Master of Information Technology (MIT)

A professional non-thesis program that introduces advanced theoretical and practical concepts in Information Technology.

Core Subjects (18 Units)

Data Structures and Algorithms
Computer Architecture & Networking Technologies
Operating Systems
Database Systems
Theory of Programming Languages
Electronic Commerce
Information Analysis, Design & Modeling
Computer Management, Ethics and Security

Track A: Multi-Media and Object-Oriented Technology Applications (9 Units)

Object-Oriented Technologies
WWW, Multimedia and Publishing
Local Area Networks

Track B: Information Systems Management (9 Units)

Expert Systems & Information Professional
Information Resource Management
Strategic Information Management

Electives (6 Units)

Methods of Research in IT (3 Units)

Comprehensive Exam

Thesis Project (6 Units)

Admission Requirements for New Students

Applicants must satisfy the following requirements:

1. holders of Bachelor's degree in any field from any recognized institution with an average rating of 85% or B or better;
2. proficient in at least one programming language; and
3. with at least two years of IT-related work experience (waived if the applicant is a BS in Computer Science, BS in IT or BS in Information Management graduate).

Acceptability of an applicant will be determined on the following basis:

1. A fully accomplished application form;
2. An official transcript of records and other certificates of training;
3. Work description and other documentation of IT-related projects;
4. Two letters of recommendation from former professors and/or employers;
5. Satisfactory performance in the entrance exam and the CS/IT diagnostic test; and
6. Interview results.

The following should also be submitted during the interview:

1. Long-size folder; and
2. Three 1x1 colored picture with white background.

Applicants who will not satisfy the admission requirements may not be admitted or may be advised to take the **9-unit Bridging Program**.

The Master of Computer Science or Information Technology is awarded if the student obtains a weighted general average of B or better in the coursework, satisfies the seminar requirement, passes a comprehensive examination, and successfully implements a/an CS/IT-based application project.