

Master of Science in Computer Science

Programme details:

Master of Science in Computer Science is an advanced program designed to deepen understanding of computer science principles and their applications. It typically covers core areas such as algorithms, machine learning, computer networking, data warehousing, and software development. Students engage in both theoretical and hands-on learning, often culminating in a research project or dissertation. This program prepares graduates for careers in tech industries, research, or academia, equipping them with advanced skills to solve complex computing challenges and drive innovation in technology.

Core modules:

- C9-ADS-24: Algorithms and Data Structures (20)
- C9-OSE-24: Object Oriented Software Engineering (20)
- C9-OPS-24: Operating System (20)
- C9-CNC-24: Computer Networking and Communications (20)
- C9-DWH-24: Data Warehousing (20)
- C9-CRM-24: Computing Research Methods (20)
- C9-SRD-24: Supervised Research and Dissertation (80)

Elective Modules:

- C9-MLE-24: Machine Learning (20)
- C9-WEN-24: Web-Engineering (20)
- C9-GCS-24: Grid Computing Systems (20)
- C9-INR-24: Information Retrieval (20)



Recommended full-time study path (4 years):

Semester 1

- C9-ADS-24, C9-OSE-24, **Select one** (C9-MLE-24, C9-WEN-24)

Semester 2

- C9-OPS-24, C9-CNC-24, **Select one** (C9-GCS-24, C9-INR-24)

Semester 3

- C9-DWH-24, C9-CRM-24

Semester 4

- C9-SRD-24

Admissions Criteria

1) NCQF Level 7 (Bachelor's degree) or its equivalent.

2) Entry through Recognition of Prior Learning in line with institutional and National policies where necessary.

