Department of Computer Science & Engineering
Faculty of Engineering
University of Moratuwa

Master of Computer Science

The **Master of Computer Science** (SLQF-Level 9) postgraduate degree program is designed to provide practicing professionals having an engineering/science background with in-depth technical knowledge and exposure to advanced topics in Computer Science.

Compared to our two-year MSc in Computer Science program (SLQF-Level 10) , this is a one-year part-time program with a fully coursework-based curriculum that is uniquely crafted for practicing professionals offering cutting edge knowledge in computer science. The following are **some of the key topics** covered in the program:

- Software Engineering
- Enterprise System Architecture
- Cybersecurity / Network Security
- Information Systems Design
- Advanced Operating Systems
- Advanced Databases
- Mobile Computing/ Client-Side Application development

- Parallel and Concurrent Programming
- Distributed Computing
- Advanced Algorithms / Machine Learning
- Machine Vision and Image Processing
- Performance Modeling and Analysis
- Cloud Computing
- IT Project Management
- Capstone Project

Eligibility Requirements

o The degree of Bachelor of the Science of Engineering of the University of Moratuwa in a relevant field as may be approved by the Senate; or

o Any other four-year degree in Engineering or Science or Technology from a recognized university in a relevant field as may be approved by the Senate; or

o Any other three-year degree in Engineering, or Science, or Technology from a recognized University in a relevant field, subject to successful performance in the aptitude test as may be approved by the Senate; or

o Any recognized category of membership of a recognized Professional Institute obtained through an academic route, as may be approved by the Senate

All qualified applicants will be notified of their eligibility and will be invited for a selection test and a subsequent interview conducted by the Department of Computer Science & Engineering. The postgraduate degree programs of the Department of Computer Science & Engineering will commence on 04th January 2025.

For application forms and details on applying, visit http://postgrad.cse.mrt.ac.lk, email postgrad@cse.mrt.ac.lk or phone 078-5518591

Applications Close - Oct 11, 2024

Registrar
University of Moratuwa
Moratuwa 10400