



PROGRAMME DESCRIPTION

The Master of Computer Science (MCS) degree is a terminal, professional degree that helps to build a technical career in the computer industry. The programme provides students with the fundamental knowledge and an in-depth understanding of computer information systems, computer programming languages, Internet programming languages, software engineering, computer database applications, computer network, e-commerce and artificial intelligence. Our highly qualified lecturer introduces the students to the techniques and concepts related to application, design as well as programming of computing systems. It is thus intended for those, who are willing to pursue a career in this field or students can also opt for advance research studies upon the completion of this program.

PROGRAMME AIM

The objective of this programme is to provide a broad education in Computer Science with the opportunity of deepening and specializing within the area of computer science, students learn the methods of constructing a computer programme including theoretical foundations as well as the practical ability to develop products and systems which include computers and software. Thus we aim to prepare Computer Science graduates, who will be professionally as well as academically well equipped to explore the field of information technology that offer a diverse range of research and job opportunities.

PROGRAMME DURATION

Full time : 1.5 years

INTAKE AND ENTRY REQUIREMENTS

March, July, November

Entry Requirements:

- A Bachelor's degree (Level 6, MQF) in Computing or related fields with a minimum CGPA of 2.50, as accepted by the LUC Senate; OR
- A Bachelor's degree (Level 6, MQF) in Computing or related fields with a minimum CGPA of 2.00 and not meeting a CGPA of 2.50 can be accepted subject to a thorough rigorous assessment as determined by the LUC; OR
- A Bachelor's degree (Level 6, MQF) in Non-Computing field with a minimum CGPA of 2.00 can be accepted subject to a thorough rigorous assessment as determined by the LUC to identify the appropriate prerequisite courses that equivalent to their working experience in the Computing or related fields; OR
- A Bachelor's degree (Level 6, MQF) in Non-Computing field with a minimum CGPA of 2.00 can be accepted subject to appropriate prerequisite courses; OR
- Other qualifications equivalent to a Bachelor's degree (Level 6, MQF) in Computing or related fields recognised by the Government of Malaysia must fulfill the requirement on item i or ii.

English Requirements :

International students must have proof of good proficiency in verbal and written English. For example, International English Language Testing System (IELTS) score of 6.0 or its equivalent.

LIST OF COURSE/MODULE OFFERED IN THE PROGRAMME

- MCS143 Object Oriented Programming
- MCS123 Algorithms And Complexity
- MCS113 Advanced Database
- MCS153 Internet Programming and Web Design
- MCS263 Telecommunication Systems
- MCSH243 Advanced Artificial Intelligence With Expert System
- MCM -253 High Performance Network
- MCSC363 Research Methodology
- MCS313 Advanced Java

Elective (choose any three modules from the following)

- MCSO253 Open Source Technology
- MCSO213 Information Security
- MCSH233 Embedded systems
- AFI-373 Artificial Intelligence
- MCSH323 Mobile Computing
- MCSC213 Cloud computing

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