

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 Minimum Duration : **18 Months.**

INTAKE AND ENTRY REQUIREMENTS

January. 2. May. 3. September.

- i. Bachelor in a field of Information Technology, Computer Science or other related field with a minimum CGPA of 2.75; or
- ii. Bachelor or equivalent with a minimum CGPA of 2.50 but did not achieve a CGPA of 2.75 may be admitted subject to internal assessment process
- iii. Bachelor Degree in related field that is recognized with CGPA less than 2.50 but exceeding 2.00, subject to a minimum of 5 years working experience in related field; or
- iv. Candidates with a master degree but not in the field of computing may be admitted provided they have taken the prerequisite module as in preparation for the start of their advanced study.

Module prerequisites that need to be taken are as follows: -

- Basic information about languages (C, C ++, Java)
- Object Oriented Concept

LIST OF COURSE/MODULE OFFERED IN THE PROGRAMME

COURSE NAME	CREDIT HOURS
Object Oriented Programming	3
Design and Analysis Algorithms	3
Advanced Database	3
High performance Networks	3
Internet Programming and Web Design	3
Neural Networks	3
Telecommunication systems	3
Elective Groups (Students need to choose any one group of 3 modules) for specializations on OS Technology / Hardware & Networking/ Computing Technology Intelligence	
Open Source Technology	
Open Source Technology	3
Open Source Operating Systems	3
Information Security	3
Hardware & Networking	
Embedded Systems	3
Artificial Intelligence	3
Advanced Computer Architecture	3

COURSE NAME	CREDIT HOURS
Computing Technology Intelligence	
Cloud Computing	3
Parallel Computing	3
Grid Computing	3
Mobile Computing	3
Advanced Java	3
Microprocessors and Microcontrollers	3
Computer Programming	3
Research Methodology	3
Industrial Training/ Research Projects	6

Call us :

1 300 880 111 (Malaysia)
+603 78063478 (International)

Web : www.lincoln.edu.my | E-mail : info@lincoln.edu.my

WISMA LINCOLN,12-18, Jalan SS 6/12, Kelana Jaya, 47301, Petaling Jaya, Selangor Darul Ehsan, Malaysia

No. 2, Jalan Stadium, SS 7/15, Kelana Jaya, 47301, Petaling Jaya, Selangor Darul Ehsan, Malaysia.