

MASTER IN **COMPUTER SCIENCE**

Inclusive . Global . Sustainable

FACULTY OF COMPUTER SCIENCE
AND INFORMATION TECHNOLOGY

by coursework

FEBRUARY, JUNE
& OCTOBER
Intakes

INTRODUCTION

The demands of computer science specialists are inflated high as they support a wide range of industries including banking and finance, consumer electronics, entertainment telecommunication, manufacturing, precision farming and many more. Master of Computer Science is designed to equip students with skills and knowledges to keep up with the ever-changing advancement related to digital technologies. The programme will expose the students to important components like cyber security, data science, ICT infrastructures and advanced software engineering, the essential building blocks for supporting wide range of computer science application. The course contents cover in the programme are relevant and in-line with the needs to produce highly skilled workforce in the field related Computer Science. It is also suitable for candidates who plan to extend their academic qualification to next level.

ADMISSION

The Master of Computer Science programme is based on trimester system; February, June and October in an academic year. Application is open throughout the year and can be done via oas.ia.unimas.my

PROGRAMME STRUCTURE

Semester 1 3 core courses + 1 elective course

Semester 2 2 core courses + 1 elective course

Semester 3 1 core courses + 1 project course

Core Courses

TMF6093	Research Methodology
TMF6044	ICT Infrastructures
TMQ6014	Cyber Security
TMV6014	Advanced Database
TMV6024	Advanced Software Engineering
TMV6044	Data Science

Specialisation Elective Courses

TMS6044	Project Management
TMS6084	Digital Economy
TMS6074	Quantitative Analysis for Business Decisions
TMS6054	Mobile Computing
TMS6034	Cloud Computing
TMS6094	Information Retrieval
TMS6024	Image Processing and Analysis
TMS6104	Information Technology Strategy and Governance
TMS6014	Data Visualisation

Project Course

TMV6069	Computer Science Project
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DURATION OF THE PROGRAMME

Master of Computer Science (MCS) is a master programme by coursework with TWO (2) modes of study:

- Full Time: 1 year (3 semesters)
- Part Time: 2 years (6 semesters)

FACILITIES AND RESOURCES

- Computing facilities
- Online Learning Support
- Perpustakaan Tun Abdul Rahman Ya'kub (PeTARY)

WHO SHOULD APPLY

MCS Programme is opened to candidates who enthusiastic in extending their knowledge, skills, and experience. This programme provides a wide and in-depth knowledge in the areas of Computer Science and its state-of-the-art application. The course covered by this programme are relevant and in-line with the needs to produce highly skilled workforce in the field related to Computer Science. Besides, MCS degree also a catalyst to those wish to accelerate their career growth and pursue PhD study.

COURSE FEES

Malaysian student

Full-Time student **RM 18,966.00**

Part-Time Student **RM 19,312.00**

International student **RM 26,900.00**

Student supported by the government, employer or other sponsor should bring confirmation letter by addressing to UNIMAS that the fee will be paid directly by the sponsor.

ENTRY REQUIREMENTS

The minimum entry requirements for the programme are as follows:

- a Bachelor's degree in Computer Science or Information Technology (Level 6 Malaysian Qualifications Framework, MQF) or its equivalent, with a minimum CGPA of 2.75/4, as accepted by the Senate OR
 - a Bachelor's degree in Computer Science or Information Technology (Level 6 MQF) or its equivalent, with a minimum CGPA of 2.50 and not meeting CGPA of 2.75, can be accepted subject to rigorous internal assessment process; OR
 - a Bachelor's degree in Computer Science or Information Technology or its equivalent, with CGPA less than 2.50, with a minimum of 5 years working experience in the relevant field may be accepted.
 - Other equivalent qualifications approved by the Senate.
- AND
- For international students, a minimum IELTS score of 5.5 or its equivalent (e.g., TOEFL: 525, TOEFL Computer Test: 196, TOEFL Internet Test: 69-70) is required.

PROGRAMME SCHEDULE

All teaching and learning activities are conducted during the weekends for both modes of study (full-time and part-time).

CONTACT US

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WEBSITE

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