

MASTER OF SCIENCE IN INFORMATION TECHNOLOGY (BY COURSEWORK)

(R3/0611/7/0294)(03/28)(A8622)



The Master of Science in Information Technology (By Coursework) at Malaysia University of Science and Technology is a modern, flexible postgraduate programme designed to equip professionals and fresh graduates with cutting-edge ICT expertise.

Drawing from Industry Revolution 4.0 priorities, the curriculum immerses students in key technology domains such as data science, blockchain, Internet of Things (IoT), cybersecurity, software design and architecture, information systems, and network & communication technologies.

Why Choose Us?

- Industry-Aligned Curriculum – Focused on IR4.0 technologies including AI, data science, IoT, blockchain, and cybersecurity.
- Future-Ready Careers – Prepares graduates with the skills to excel in IT management, data analytics, and digital transformation.
- Research & Application – Mixed mode structure combining coursework with a project paper to deliver both theoretical and practical expertise.

Intakes

- January, April, June, September, and November

Course Duration

- Minimum 12 months

Course modules

- MIT501 Python Programming
- MIT515 Management Information System
- MIT513 Data Science
- MIT504 Research Methods
- MIT525 Internet of Things
- MIT523 Blockchain
- MIT527 Cybersecurity
- MIT521 AI in Business Analytics
- MIT590 Project Paper
- MIT520 Software and Design Architecture

Mode of study

- Full Time

Teaching & Delivery Method

- Conventional

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CENTRE FOR POSTGRADUATE STUDIES

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Minimum requirements

- A Bachelor's degree (Level 6, MQF) in Computing or related fields with a minimum CGPA of 2.50, as accepted by the HEP 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 HEP; 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 HEP 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 fulfil the requirement on item i or ii

All international candidates who have graduated from degree programs where English was not the medium of instruction must meet the English Language Proficiency requirements as accepted by the Ministry of Higher Education Malaysia, by obtaining a minimum score of:

- Achieve a minimum of Band 4 in MUET or equivalent to CEFR (Low B2).

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