Master of Information Technology

(R2/481/7/0158) 01/27 (MQA/FA 1699)
(N-DL/482/7/0166) 11/25 (MQA/PA 13958)

MQA
Agensi Kelayakan Malaysia
Malaysian Qualifications Agency

HRD CORP CLAIMABLE

Delivery Mode:
Conventional, Online

Duration of Study:
1 Year (Full-Time)
2 Years (Part-Time)

Intakes
• January, May and September

Academic Schedule
• January   : 14 weeks*
• May   : 14 weeks*
• September   : 14 weeks*

*Inclusive of exam period.

Interested in this course?
We are more than happy to share. Email us or give us a call.

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Become Well-Versed in Data Science, Cybersecurity and Machine Learning

The Master of Information Technology programme is designed to equip students with advanced knowledge, techniques and skills to meet current requirements and needs from the market to solve the real-world problems on Information Technology. Through this programme, students should be able to progress their career ladder by developing new professional skills in their respective working fields with new creations or innovations. Our course modules such as Software Design and Development and Software Process and Management will be an added value for them to create innovative IT solutions in their chosen areas.

Career Prospects

• Digital Transformation Officer
• IT Manager
• IT Consultant
• Cybersecurity Consultant
• C-level Executive in Information Technology (CTO / CIO / CISO)
• Researchers in public or private institutions on various fields of IT
• Academicians at institutions of higher learning

Areas of Knowledge

Cybersecurity
Policies and practices to monitor and prevent unauthorised access, misuse, modification and denial of service of a computer network and resources.

Web Technology
Programming languages including markup languages and multimedia packages to create applications for the web.

Data Science and Analytics
Methods, processes, algorithms and statistical models that computer systems run to perform tasks without explicit instructions by mimicking human intelligence.

Internet of Things
Giant network of connected devices including wireless sensors, software, actuators and computer devices to improve our work and life.

Blockchain and Distributed Ledger Technology
To record transactions efficiently in a verifiable and permanent way in regard to potential applications in multiple industries such as the financial industry, governments, identity management and healthcare.

Did You Know?

MICROSOFT
Certification based on courses embedded with Microsoft Content*.

SHORTER DURATION OF STUDY
Designed to enhance career development in the field for students with or without prior IT-related Degree.

NEW CURRICULUM FOR IR4.0
Data Science - Cybersecurity - Machine Learning

*Terms & Conditions Apply

Why UNITAR?

5-STAR QUALITY
5-STAR rating in QS for Teaching, Employability, Inclusiveness, Online Education and Accounting and Finance.

AFFORDABILITY
HRDF, EPF and various financial aid available.

UNITAR C.A.R.E
We ensure that students are well-equipped with applicable skills: Collaborative, Adaptive, Reflective and Entrepreneurial.

Entry Requirements

i. A Bachelor's Degree or its equivalent with a minimum CGPA of 2.75;
OR

ii. A Bachelor's Degree 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

iii. A Bachelor's Degree or its equivalent with CGPA less than 2.50 and a minimum of five (5) years working experience in a relevant field may be accepted;
OR

For candidates without Computing Degree, prerequisite modules in computing must be offered to adequately prepare them for their advanced study.

Entry requirements for admission into the Master's programme (Level 7, MQF) through APEL A as approved by the Education (MOHE). Applicants must be/have:

1. A Malaysian citizen; *AND*
2. The candidate should be more than 30 years of age in the year of application;
3. Possess at least STPM / Diploma / A-Levels / equivalent qualifications;
4. Relevant work experience / prior experiential learning; *AND*
5. Pass the APEL Assessment

ENGLISH REQUIREMENT
International Students
1. Minimum score of 5.0 for IELTS *OR*
2. Minimum score of 40 for TOEFL *OR* its equivalent.

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Programme Core Modules

- Analytics for Decision Making
- Big Data Analytics Programming
- Computer Networking
- Cyber Laws and Ethics
- Elective 1
- Elective 2
- Information Security Architecture and Management
- Project Paper
- Research Methodology
- Software Design and Development
- Software Process and Management

Electives

Cybersecurity
- Cryptography and Internet Security
- Computer Forensics and Investigation

Web Technology
- Internet and Web Technology
- E-Commerce Systems and Strategies

Data Science
- Machine Learning
- Business Intelligence Systems

Create an innovation-friendly, level playing field for Business with IT.

Microsoft Digital Badges - Students obtain blockchain-authenticated badges and certificates for modules on top of academic certificate.

Microsoft content and cloud-based lab are embedded in the courses.