



UNIVERSITI MALAYSIA PAHANG
AL-SULTAN ABDULLAH

Faculty of Computing
Fakulti Komputeran



*BASED ON QS WORLD
UNIVERSITY RANKINGS
QS World University Rankings
2026
RANKED

#609 (in World) #16 (in Malaysia)

JOIN US AND COMPLETE YOUR STUDIES
IN JUST ONE YEAR!

PROGRAMME OFFERED

Master of Science in DIGITAL TRANSFORMATION



(MQA/FA16509)

Master of Science in ARTIFICIAL INTELLIGENCE



(MQA/FA16507)

Master of Science in CYBER SECURITY



(MQA/FA16508)

ADVANTAGES OF OUR PROGRAMME



REAL WORLD PROBLEM
INDUSTRIAL
RELATED PROJECT ✓



PASSIONATE, DEDICATED,
MOTIVATED LECTURERS ✓
BLENDED LEARNING ✓



MQA ACCREDITED ✓
INDUSTRIAL
ADVISORY PANEL ✓



ONLINE INTERACTION ✓
ANY LOCATION AT MALAYSIA ✓
FLEXIBLE CLASS SCHEDULE ✓

OPPORTUNITY TO OBTAIN AT LEAST THREE PROFESSIONAL CERTIFICATIONS*

*Not limited to the training opportunities currently accessible, and subject to the availability of funds

MSc in Digital Transformation

1. HCIA-Intelligent Computing (Huawei)*
2. Certified Python Programmer*
3. Power BI Associate from Microsoft*
4. Certified Mobile Application Developer*

MSc in Artificial Intelligence

1. HCIA-Intelligent Computing (Huawei)*
2. HCIA-Developer (Huawei)*
3. Power BI Associate from Microsoft*
4. HCIA-Big Data Hybrid*

MSc in Cyber Security

1. Certified Information Security Awareness Manager (CISAM) from CSM*
2. Certified Information Security Management System Auditor (CISMA) from CSM*
3. Certified Digital Forensic for First Responder (CDFFR) from CSM*
4. Certified Penetration Tester (CPT)*

ADMISSION REQUIREMENT

Recognized degree with CPA 2.50/4.00 and above or; Meet minimum numbers of working experience in related fields

International Student : IELTS Band 6.0 or TOEFL Paper Based - 500 points, TOEFL Internet Based-Test (IBT) - 60, TOEFL Computer Based-Test (CBT) - 173, Otherwise must attend Pre-session English Course (PEC)

International students with a Bachelor's or Master's degree from a recognized university in Malaysia are exempted from the English test above.

The certification SHOULD NOT be more than 2 years



HOW TO
APPLY?

<https://ips.umpsa.edu.my>
(Click Online Application)



WHEN TO
APPLY?

Throughout
the Year



PROCESS-
ING FEES

Local Candidate - RM50
International Candidate -
USD 30



INTAKE
PERIODS

October & March



Programme Structure

Programme Structure	40 Credit Hours	Minimum Period	Fees (RM)		
			Semester	Local Students	International Students
Full Time	Core Course: 20 Elective Course: 8 Master Project + Research Methodology : 12	2 Long Semester 1 Short Semester *COMPLETE IN 1 YEAR!	1 Long	7,050	13,870
			2 Long	6,450	10,340
Part Time		4 Long Semester 2 Short Semester	3 Short	4,575	7,215
			Total	RM 18,075	RM 31,425

Programme Info [Semester & Credit Hours]

Master of Science in

DIGITAL TRANSFORMATION (MQA/FA16509)



Semester 1 (15 CH)

- MCD1014 Digital Transformation In Organisation
- MCD1144 Information Security
- MCD1034 Artificial Intelligence Practices
- MCC1043 Research Methodology

Semester 2 (15 CH)

- MCD1024 ICT Governance Management
- MCD1044 Business Intelligence & Analytics
- Elective I
- MCC2023 Master Project I

Semester 3 (10 CH)

- Elective II
- MCC2026 Master Project II

Elective Course

- MCD1064 Blockchain Technology
- MCD1074 Internet of Things in Practice
- MCD1054 Cloud Computing

Master of Science in

ARTIFICIAL INTELLIGENCE (MQA/FA16507)



Semester 1 (15 CH)

- MCI1014 Artificial Intelligence in Software Engineering
- MCI1024 Advanced Artificial Intelligence
- MCI1034 Human-centered Artificial Intelligence
- MCC1043 Research Methodology

Semester 2 (15 CH)

- MCI1044 Data Visualisation
- MCI1054 Optimisation Algorithms and Application
- Elective I
- MCC2023 Master Project I

Semester 3 (10 CH)

- Elective II
- MCC2026 Master Project II

Elective Course

- MCI1074 Natural Language Processing
- MCI1084 Machine Vision
- MCI1094 Edge AI
- MCI1104 Advanced Analytics

Master of Science in

CYBER SECURITY (MQA/FA16508)



Semester 1 (15 CH)

- MCY1014 Advanced Computer Security
- MCY1024 Cyber Security Law & Policies
- MCY1034 Cyber Security Risk Management
- MCC1043 Research Methodology

Semester 2 (15 CH)

- MCY1044 Network Defense
- MCY1054 Digital Evidence & Forensics
- Elective I
- MCC2023 Master Project I

Semester 3 (10 CH)

- Elective II
- MCC2026 Master Project II

Elective Course

- MCY1064 Network Security Infrastructure Management
- MCY1074 Secure Software Practices
- MCY1083 Mobile Application Security
- MCY1094 Ethical Hacking

Alumni Feedback



MOHD FIRDAUS BIN SAULIMAN
IT Officer at SUK Pahang

- ★ **Comprehensive Courses :**
Well-structured program covering relevant topics
- ★ **Hands-On Learning :**
Practical experiences to apply theoretical knowledge
- ★ **Supportive Faculty Members :**
Knowledgeable, approachable & helpful lecturers and staff



FURTHER INFORMATION

