POSTGRADUATE PROGRAMME KIT

FACULTY OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY, UNIVERSITI MALAYA

https://fsktm.um.edu.my/

MASTER OF COMPUTER SCIENCE (APPLIED COMPUTING) (MIXED MODE)

COURSE PLAN FOR MASTER OF COMPUTER SCIENCE
(APPLIED COMPUTING)
ACADEMIC SESSION 2025/2026

INTAKE SEMESTER I 2025/2026

MASTER OF COMPUTER SCIENCE (APPLIED COMPUTING)		**Credits**	**Semester I 2025/2026**	**Semester II 2025/2026**	**Semester I 2026/2027**
Core Courses					
WOX7001	*Research Methodology	**3**	√		
WOA7001	Advanced Algorithms	**3**	√		
WOA7015	Advanced Machine Learning	**3**	√		
WOA7016	Cloud Computing	**3**		√	
WOA7017	Security Risk Analysis and Evaluation	**3**		√	
WOC7021	Dissertation	**21**		√**	√**
Elective Courses [Students are required to choose any two (2) courses from the list below]					
WOA7018	Autonomous Robotics	**3**	√		
WOA7019	Augmented Reality	**3**		√	
WOC7014	Framework-Based Software Design and Development	**3**		√	
WOC7020	Advanced Internet of Things	**3**	√		
WQD7003	Data Analytics	**3**	√		

*** Students are required to register for the Research Methodology course in their first semester**

***** Students are only allowed to register for a Dissertation after completing six (6) credits of coursework.***

Note: The courses that will be offered every semester are subject to change, depending on the availability of staff and the number of students registering.

MASTER OF SOFTWARE ENGINEERING (SOFTWARE TECHNOLOGY) (MIXED MODE)

COURSE PLAN FOR
MASTER OF SOFTWARE ENGINEERING (SOFTWARE TECHNOLOGY)
ACADEMIC SESSION 2025/2026

INTAKE SEMESTER I 2025/2026

MASTER OF SOFTWARE ENGINEERING (SOFTWARE TECHNOLOGY)		Credits	Sem I 2025/2026	Sem II 2025/2026	Sem I 2026/2027
Core Courses					
WOX7001*	Research Methodology	**3**	√		
WOC7004	Architecting Software Systems	**3**	√		
WOC7014	Framework Based Software Design and Development	**3**		√	
WOC7015	Software Verification and Validation	**3**	√		
WOC7016	Software Project Management	**3**		√	
WOC7024 (P1)**	Dissertation (P1)	**9**		√ **	
WOC7024 (P2)	Dissertation (P2)	**12**			√ **
Elective Courses [Students are required to choose any 2 courses from the list below]					
WOA7015	Advanced Machine Learning	**3**	√		
WOA7017	Security Risk Analysis and Evaluation	**3**		√	
WOC7017	Big Data Processing	**3**		√	
WOC7018	Requirements Engineering	**3**	√		
WOC7019	User Experience Design Studio	**3**		√	
WOC7020	Advanced Internet of Things	**3**	√		

*** Students are required to register for the Research Methodology course in their first semester**

**** Students are only allowed to register for a Dissertation after completing six (6) credits of coursework and have taken or taking WOX7001 Research Methodology.**

Note: The courses that will be offered every semester are subject to change, depending on the availability of staff and the number of students registering.

MASTER IN DATA SCIENCE (COURSEWORK)

COURSE PLAN FOR MASTER IN DATA SCIENCE
(CONVENTIONAL)
ACADEMIC SESSION 2025/2026

INTAKE SEMESTER I 2025/2026

MASTER IN DATA SCIENCE		Credits	Semester I 2025/2026	Semester II 2025/2026	Semester III 2025/2026
Core Courses					
WOX7001	Research Methodology	3	√		
WQD7001	Principles of Data Science	3	√		
WQD7003	Data Analytics	3	√		
WQD7004	Programming for Data Science	4	√		
WQD7007	Big Data Management	3		√	
WQD7012	Applied Machine Learning	4		√	
WQD7025	**Data Science Research Project	10		√	√
Elective Courses [Students are required to choose any 3 courses from the list below]					
WQD7005	Data Mining	4		√	
WQD7008	Parallel and Distributed Computing	4	√		
WQD7009	Big Data Applications & Analytics	4	√		
WQD7010	Network and Security	4		√	
WQD7013	Statistics for Data Science	4		√	
WQF7007	Natural Language Processing	4		√	

Note:

**Students are only allowed to register for WQD7025 Data Science Research Project after completing at least three (3) core discipline courses (including WOX7001).

For Data Science Research Project (P1 and P2) must complete the project in **consecutive semesters**.

Example:
- P1 in Semester II and P2 in Special Semester
- P1 in Special Semester and P2 in Semester I
- P1 in Semester I and P2 in Semester II

Not all courses will be offered every semester; the actual courses offered will depend on the availability of staff and the number of students registering.

MASTER OF CYBER SECURITY (COURSEWORK)

COURSE PLAN FOR MASTER OF CYBER SECURITY
ACADEMIC SESSION 2025/2026

INTAKE SEMESTER I 2025/2026

MASTER OF CYBER SECURITY		Credits	Semester I 2025/2026	Semester II 2025/2026	Semester III 2025/2026
Core Courses					
WOX7001	Research Methodology	3	√		
WQE7001	Cyber Security	3	√		
WQE7002	Advanced Network Security Programming	4	√		
WQE7007	Network Technology and Security	3	√		
WQE7003	Cryptography and Information Hiding	3		√	
WQE7004	Information Assurance	3		√	
WQE7005	Advanced Digital Forensics	3		√	
WOC7020	Advanced Internet of Thing	3		√	
WQE7006	Cyber Security Research Project	10		√	√
WQE7023	Cyber Security Research Project	10		√	√
Elective Courses [Students are required to choose any 2 courses from the list below]					
WQE7008	Wireless Networking and Mobile Computing	4	√		
WQE7011	Advanced Computer Penetration and Defense	4	√		
WQE7009	Emerging Cyber Security Trends	4		√	
WQE7010	Cloud Computing	4		√	

Note:
*Students are only allowed to register for the *WQE7006/WQE7023 (commencement of the 2023/2024 academic year) Cyber Security Research Project* after completing at least three (3) core discipline courses (including WOX7001)

The courses that will be offered every semester are subject to change, depending on the availability of staff and the number of students registering.

MASTER OF ARTIFICIAL INTELLIGENCE (COURSEWORK)

COURSE PLAN FOR MASTER OF ARTIFICIAL INTELLIGENCE
ACADEMIC SESSION 2025/2026

INTAKE SEMESTER I 2025/2026

MASTER OF ARTIFICIAL INTELLIGENCE		Credits	Semester I 2025/2026	Semester II 2025/2026	Semester III 2025/2026
Core Courses					
WOX7001	*Research Methodology	**3**	√	√	
WOA7015	Advanced Machine Learning	**3**	√		
WQF7002	Artificial Intelligence Techniques	**3**	√		
WQF7006	Computer Vision and Image Processing	**3**	√		
WQF7007	Natural Language Processing	**4**		√	
WQF7003	Intelligent Computation	**4**		√	
WQF7004	Data Analytics in Artificial Intelligence	**3**		√	
WQF7005	Data Privacy and Artificial Intelligence Ethics	**3**		√	
WQF7023	Artificial Intelligence Research Project	**10**		√	√
Elective Courses [Students are required to choose any two (2) courses from the list below]					
WQF7008	Practical Deep Learning	**3**		√	
WQF7009	Explainable Artificial Intelligence (XAI)	**3**	√		
WOA7019	Augmented Reality	**3**		√	
WQF7010	Robotics and Automation	**3**		√	
WQF7011	Cognitive Computing	**3**	√		

Note:
*Students are only allowed to register for the *WQF7023 AI Research Project* after completing at least three (3) core discipline courses (including WOX7001)

For Artificial Intelligence Research Project (P1 and P2) must complete the project in **consecutive semesters**.

Example:
- P1 in Semester II and P2 in Special Semester
- P1 in Special Semester and P2 in Semester I
- P1 in Semester I and P2 in Semester II

The courses that will be offered every semester are subject to change, depending on the availability of staff and the number of students registering.

MASTER OF COMPUTER SCIENCE (RESEARCH)

COURSE PLAN

ACADEMIC SESSION 2025/2026

MASTER OF COMPUTER SCIENCE		Credits
COURSES		
WOX7001	Research Methodology	3
WOX7002	Dissertation	1

DOCTOR OF PHILOSOPHY (RESEARCH)

COURSE PLAN

ACADEMIC SESSION 2025/2026

DOCTOR OF PHILOSOPHY		Credits
COURSES		
WVX8001	Advanced Research Methods In Computer Science And Information Technology	3
WVX8002	Thesis	1

TIMETABLE FOR POSTGRADUATE SEMESTER I, 2025/2026

FACULTY OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY, UNIVERSITI MALAYA

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TIMETABLE FOR POSTGRADUATE PROGRAMMES
SEMESTER I, 2025/2026
ACADEMIC SESSION

Last Revised:29.09.2025
4.00PM

Program	Time	Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday	
PHD **(Doctor of Philosophy)**	6.00pm - 9.00pm			**WVX8001 (RMN) (OCC1)**	**ONLINE**										
MCS **Master of Computer Science (Research only)**	6.00pm - 9.00pm					**WOX7001 (MB) (OCC1)**	**ONLINE**								

Note:
WOX7001 Reseach Methodology (Group 1) - Master by Coursework & Dissertation - MCS (AC) and MSE (ST)
- Master by Research - MCS

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TIMETABLE FOR POSTGRADUATE PROGRAMMES
SEMESTER I, 2025/2026
ACADEMIC SESSION

Last Revised:29.09.2025
4.00PM

Program	Time	Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday	
MCS (AC) **[COHORT 2021-2022]** **Master of Computer Science (Applied Computing) (Coursework & Dissertation)**	6.00pm - 9.00pm	**WOA7001 (AAS) (OCC1)**	**ML**	**WOC7020 (AD) (OCC2)**	**DK2**	**WOX7001 (MB) (OCC1)**	**ONLINE**	**WOA7018 (ZH) (OCC1)**	**BK2**	**WOA7015 (SSN) (OCC1)**	**MM3**				
				WQD7003 (HSM) (OCC5)	**MM1**										
MSE (ST) **[COHORT 2021-2022]** **Master of Software Engineering (Software Technology) (Coursework & Dissertation)**	6.00pm - 9.00pm	**WOC7015 (SHAH) (OCC1)**	**MM4**	**WOC7020 (AD) (OCC3)**	**DK2**	**WOX7001 (MB) (OCC1)**	**ONLINE**	**WOC7004 (HSM) (OCC1)**	**ML**	**WOA7015 (SSN) (OCC2)**	**MM3**				
										WOC7018 (NJ) (OCC1)	**MM2**				

Note:
WOX7001 Reseach Methodology (Group 1) - Master by Coursework & Dissertation - MCS (AC) and MSE (ST)
- Master by Research - MCS

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TIMETABLE FOR POSTGRADUATE PROGRAMMES
SEMESTER I, 2025/2026
ACADEMIC SESSION

Last Revised:29.09.2025
4.00PM

Program	Time	Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday	
MdatSc **[OLD COHORT AND REMOTE LEARNING]** **Master of Data Science (Coursework)**	8.00 am - 11.00 am											WQD7007 (TH) (OCC4)	MM4		
												WQD7001 (MAI) (OCC4)	DK1		
												WQD7001 (MAI) (RL)	ONLINE		
	11.00am - 2.00 pm											WOX7001 (MYI) (RL)	ONLINE	WQD7009 (RYZ) (RL)	ONLINE
												WQD7004 (ATF) (OCC4)	MM3	WQD7009 (RYZ) (OCC4)	ONLINE
												WQD7004 (ATF) (RL)	ONLINE		
	3.00pm - 6.00pm											WQD7003 (AQMS) (RL)	ONLINE	WQD7008 (BRPJ) (RL)	ONLINE
	6.00pm - 9.00pm	WQD7006 (HWL) (OCC4)	MM3	WQD7003 (HSM) (OCC4)	MM1	WOX7001 (MYI) (OCC4)	ONLINE	WQD7005 (SNJ) (OCC1)	MM1	WQD7008 (BRPJ) (OCC4)	ONLINE				

Note:
WOX7001 Research Methodology (Group 2) - Master by Coursework - McyberSec
WOX7001 Research Methodology (Group 3) - Master by Coursework - MAI
WOX7001 Reseach Methodology (Group 4, 5, 6 &7) - Master by Coursework - MDatSc

Research Project (RP) must be completed in two consecutive semesters. Thus, to complete the programme in one year, you can register (RP) in Semester 2 2024/2025 and complete the project in Special Semester 2024/2025. However, we encourage you to register (RP) in special semester 2024/2025 and complete the project in Semester 1 2025/2026 or register (RP) in Semester 1 2025/2026 and complete the project in Semester 2 2025/2026 so that you have more time to complete the project.

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TIMETABLE FOR POSTGRADUATE PROGRAMMES
SEMESTER I, 2025/2026
ACADEMIC SESSION

Last Revised:29.09.2025
4.00PM

Program	Time	Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday	
MdatSc **[COHORT 2024/2025 AND ABOVE]** **Master in Data Science** **(Coursework)**	8.00 am - 11.00 am											WQD7007 (TH) (OCC3)	MM4		
												WQD7001 (MAI) (OCC3 & OCC5)	DK1		
	11.00am - 2.00 pm											WQD7004 (ATF) (OCC3)	MM3	WQD7009 (RYZ) (OCC2)	ONLINE
												WQD7012 (VIM) (OCC2)	MM1		
												WOX7001 (MYI) (OCC5)	ONLINE		
												WQD7003 (MSS) (OCC2)	MM4		
	3.00pm - 6.00pm											WQD7003 (AQMS) (OCC3)	MM4	WQD7008 (BRPJ) (OCC2)	ONLINE
												WQD7004 (PYSQ, PT) (OCC2)	MM3		
												WQD7007 (SND) (OCC2)	MM1		
	6.00pm - 9.00pm	WQD7001 (MAI) (OCC1)	DK2	WQD7003 (SSN) (OCC1)	MM3	WOX7001 (NAG) (OCC7)	ONLINE	WQD7004 (ATF) (OCC1)	MM3	WQD7008 (BRPJ) (OCC1)	ONLINE				
		WQD7001 (RRA) (OCC2)	BK1	WQD7007 (SND) (OCC1)	MM4	WQD7012 (VIM) (OCC1)	MM3			WQD7009 (RYZ) (OCC1)	ONLINE				
		WQD7012 (HWL) (OCC3)	MM3			WOX7001 (MYI) (OCC6)	ONLINE								

Note:
WOX7001 Research Methodology (Group 2) - Master by Coursework - McyberSec
WOX7001 Research Methodology (Group 3) - Master by Coursework - MAI
WOX7001 Reseach Methodology (Group 4, 5, 6 &7) - Master by Coursework - MDatSc

Research Project (RP) must be completed in two consecutive semesters. Thus, to complete the programme in one year, you can register (RP) in Semester 2 2024/2025 and complete the project in Special Semester 2024/2025. However, we encourage you to register (RP) in special semester 2024/2025 and complete the project in Semester 1 2025/2026 or register (RP) in Semester 1 2025/2026 and complete the project in Semester 2 2025/2026 so that you have more time to complete the project.

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TIMETABLE FOR POSTGRADUATE PROGRAMMES
SEMESTER I, 2025/2026
ACADEMIC SESSION

Last Revised:29.09.2025
4.00PM

Program	Time	Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday	
M CyberSec **Master of Cyber Security (Coursework)**	8.00 am - 11.00 am											**WOX7001 (RMN) (OCC2)**	**ONLINE**		
	6.00pm - 9.00pm	**WQE7001 (RS) (OCC1)**	**CCNA**	**WQE7002 (MFZ) (OCC1)**	**MS**			**WQE7007 (AHMAD PT) (OCC1)**	**CCNA**	**WQE7011 (AWAW) (OCC1)**	**DK1**				
				WQE7007 (AHMAD PT) (OCC2)	**CCNA**			**WQE7002 (MFZ) (OCC2)**	**MS**	**WQE7008 (IA) (OCC1)**	**BK1**				

WOX7001 Research Methodology (Group 2) - Master by Coursework - McyberSec
WOX7001 Research Methodology (Group 3) - Master by Coursework - MAI
WOX7001 Reseach Methodology (Group 4, 5, 6 &7) - Master by Coursework - MDatSc

Research Project (RP) must be completed in two consecutive semesters. Thus, to complete the programme in one year, you can register (RP) in Semester 2 2025/2026 and complete the project in Special Semester 2025/2026. However, we encourage you to register (RP) in special semester 2025/2026 and complete the project in Semester 1 2026/2027 or register (RP) in Semester 1 2026/2027 and complete the project in Semester 2 2026/2027 so that you have more time to complete the project.

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TIMETABLE FOR POSTGRADUATE PROGRAMMES
SEMESTER I, 2025/2026
ACADEMIC SESSION

Last Revised:29.09.2025
4.00PM

Program	Time	Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday	
M CyberSec **Master of Cyber Security (Coursework)** **FOR INTAKE SEM II, 2024/2025**	8.00 am - 11.00 am											**WOX7001 (RMN) (OCC2)**	**ONLINE**		
	6.00pm - 9.00pm	**WQE7003 (OSY) (OCC1)**	**MM2**	**WOC7020 (AD) (OCC1)**	**DK2**	**WQE7005 (AWAW) (OCC1)**	**CCNA**	**WQE7004 (AAN) (OCC1)**	**BK1**	**WQE7011 (AWAW) (OCC1)**	**DK1**				
										WQE7008 (IA) (OCC1)	**BK1**				

WOX7001 Research Methodology (Group 2) - Master by Coursework - McyberSec
WOX7001 Research Methodology (Group 3) - Master by Coursework - MAI
WOX7001 Reseach Methodology (Group 4, 5, 6 &7) - Master by Coursework - MDatSc

Research Project (RP) must be completed in two consecutive semesters. Thus, to complete the programme in one year, you can register (RP) in Semester 2 2025/2026 and complete the project in Special Semester 2025/2026. However, we encourage you to register (RP) in special semester 2025/2026 and complete the project in Semester 1 2026/2027 or register (RP) in Semester 1 2026/2027 and complete the project in Semester 2 2026/2027 so that you have more time to complete the project.

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TIMETABLE FOR POSTGRADUATE PROGRAMMES
SEMESTER I, 2025/2026
ACADEMIC SESSION

Last Revised:29.09.2025
4.00PM

Program	Time	Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday	
MAI **Master of Artificial Intelligence (Coursework)**	8.00 am - 11.00 am											**WQF7002 (UZI) (OCC3)**	**BK**	**WQF7011 (WCS) (OCC1)**	**ONLINE**
	11.00am - 2.00 pm											**WQF7006 (ZM) (OCC3)**	**BK**	**WQF7009 (LCK) (OCC1)**	**ONLINE**
	3.00pm - 6.00pm											**WOA7015 (LCK) (OCC4)**	**BK**		
	6.00pm - 9.00pm	**WQF7002 (ER) (OCC1)**	**DK1**	**WQF7006 (NRJ) (OCC1)**	**DK1**	**WOX7001 (CCS) (OCC3)**	**ONLINE**	**WQF7006 (NRJ) (OCC2)**	**MM4**	**WOA7015 (CCS) (OCC3)**	**DK2**				
		WOA7015 (LCK) (OCC5)	**MM1**							**WQF7002 (MLB) (OCC2)**	**MM4**				

Note:
WOX7001 Research Methodology (Group 2) - Master by Coursework - McyberSec
WOX7001 Research Methodology (Group 3) - Master by Coursework - MAI
WOX7001 Reseach Methodology (Group 4, 5, 6 &7) - Master by Coursework - MDatSc

Research Project (RP) must be completed in two consecutive semesters. Thus, to complete the programme in one year, you can register (RP) in Semester 2 2024/2025 and complete the project in Special Semester 2024/2025. However, we encourage you to register (RP) in special semester 2024/2025 and complete the project in Semester 1 2025/2026 or register (RP) in Semester 1 2025/2026 and complete the project in Semester 2 2025/2026 so that you have more time to complete the project.

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NO	COURSE CODE	COURSE TITLE	CREDIT	LECTURER'S NAME	INT.	DEPT.
1	WQD7001 (OCC1)	PRINCIPLE OF DATA SCIENCE	3	ASSOC. PROF. DR. MAIZATUL AKMAR ISMAIL	MAI	IS
	WQD7001 (OCC 2)			DR. RASHA RAGHEB ATALLAH	RRA	CST
	WQD7001 (OCC 3, 4 & 5) + (RL)	PRINCIPLE OF DATA SCIENCE		ASSOC. PROF. DR. MAIZATUL AKMAR ISMAIL	MAI	IS
2	WQD7003 (OCC 1)	DATA ANALYTICS	3	DR. SAW SHIER NEE	SSN	AI
	WQD7003 (OCC 2)			DR. MUHAMMAD SHAHREEZA SAFIRUZ KASSIM	MSS	AI
	WQD7003 (OCC 3) + (RL)	DATA ANALYTICS		ASSOC. PROF. DR. AZNUL QALID MD SABRI	AQMS	AI
	WQD7003 (OCC 4)	DATA ANALYTICS		DR. HEMA SUBRAMANIAM	HSM	SE
3	WQD7004 (OCC 1)	PROGRAMMING FOR DATA SCIENCE	4	ASSOC. PROF. DR. ANG TAN FONG	ATF	CST
	WQD7004 (OCC 2)			DR. PAULINE YEOH SHAN QING	PYSQ	PT
	WQD7004 (OCC 3 & 4) + (RL)	PROGRAMMING FOR DATA SCIENCE		ASSOC. PROF. DR. ANG TAN FONG	ATF	CST
4	WQD7005 (OCC 1)	DATA MINING	4	DR. SITI NURLIANA JAMALI	SNJ	SE
5	WQD7006 (OCC 4)	MACHINE LEARNING FOR DATA SCIENCE	4	DR. HOO WAI LAM	HWL	IS
	WQD7012 (OCC 3)	APPLIED MACHINE LEARNING				
6	WQD7012 (OCC 2)	APPLIED MACHINE LEARNING	4	PROFESSOR TS. DR. VIMALA BALAKRISHNAN	VIM	IS
	WQD7012 (OCC1)					
7	WQD7007 (OCC 1)	BIG DATA MANAGEMENT	3	TS. DR. MOHD SHAHRUL NIZAM MOHD DANURI	SND	IS
	WQD7007 (OCC 2)					
	WQD7007 (OCC 3 & OCC 4)			ASSOC. PROF. DR. TUTUT HERAWAN	TH	IS
8	WQD7008 (OCC 1 & 4)	PARALLEL AND DISTRIBUTED COMPUTING	4	DR. BRYAN RAJ PETER JABARAJ	BRPJ	CST
	WQD7008 (OCC 2) + (RL)	PARALLEL AND DISTRIBUTED COMPUTING		DR. BRYAN RAJ PETER JABARAJ	BRPJ	CST
9	WQD7009 (OCC 1)	BIG DATA APPLICATIONS & ANALYTICS	4	DR. RIYAZ AHAMED	RYZ	IS
	WQD7009 (OCC 2,4) + (RL)	BIG DATA APPLICATIONS & ANALYTICS		DR. RIYAZ AHAMED	RYZ	IS
10	WQE7001 (OCC 1)	CYBER SECURITY	3	ASSOC. PROF. DR. ROSLI BIN SALLEH	RS	CST
11	WQE7002 (OCC 1)	ADVANCED NETWORK SECURITY PROGRAMMING	4	DR. MUHAMMAD FAIZ BIN MOHD ZAKI	MFMZ	CST
	WQE7002 (OCC 2)					
12	WQE7003 (OCC1)	CRYPTOGRAPHY AND INFORMATION HIDING	3	DR. ONG SIM YING	OSY	SE
13	WQE7004 (OCC1)	INFORMATION ASSURANCE	3	ASSOC. PROF. DR. AZAH ANIR NORMAN	AAN	IS
14	WQE7005 (OCC1)	ADVANCED DIGITAL FORENSICS	3	PROFESSOR TS. DR AINUDDIN WAHID ABDUL WAHAB	AWAW	MM
15	WQE7007 (OCC 1)	NETWORK TECHNOLOGY AND SECURITY	3	DR. AHMAD SHAFARIDZ	AS	PT
	WQE7007 (OCC 2)					
16	WQE7008 (OCC 1)	WIRELESS NETWORK AND MOBILE COMPUTING	4	ASSOC. PROF. DR. ISMAIL AHMEDY	IA	CST
17	WQE7011 (OCC 1)	ADVANCED COMPUTER PENETRATION AND DEFENCE	4	PROF. TS. DR. AINUDDIN WAHID BIN ABDUL WAHAB	AWAW	MM
18	WOC7020 (OCC 1)	ADVANCED INTERNET OF THINGS	3	DR. ADELEH ASEMI ZAVAREH	AD	SE
19	WQF7002 (OCC 1)	ARTIFICIAL INTELLIGENCE TECHNIQUES	3	DR. ERMA RAHAYU BINTI MOHD FAIZAL ABDULLAH	ER	AI
	WQF7002 (OCC 2)			DR. MOHAMED N. M. LUBANI	MLB	
	WQF7002 (OCC3)			DR. UZAIR ISTIAQ	UZI	
20	WQF7006 (OCC 1)	COMPUTER VISION AND IMAGE PROCESSING	3	DR. NURUL BINTI JAPAR	NJ	
	WQF7006 (OCC 2)					
	WQF7006 (OCC 3)			DR. ZAINAB MALIK	ZM	
21	WOA7015 (OCC 3)	ADVANCED MACHINE LEARNING	3	PROF. IR. DR. CHAN CHEE SENG	CCS	
22	WOA7015 (OCC 4)	ADVANCED MACHINE LEARNING	3	PROF. DR. LOO CHU KIONG	LCK	
	WOA7015 (OCC5)					
23	WQF7009 (OCC 1)	EXPLAINABLE ARTIFICIAL INTELLIGENCE (XAI)	3	PROF. DR. LOO CHU KIONG	LCK	
24	WQF7011 (OCC 1)	COGNITIVE COMPUTING	3	DR. WOO CHAW SENG	WCS	
25	WOA7001 (OCC 1)	ADVANCED ALGORITHMS	3	DR. ASMIZA ABDUL SANI	AAS	SE
26	WOC7020 (OCC 2) & (OCC 3)	ADVANCED INTERNET OF THINGS	3	DR. ADELEH ASEMI ZAVAREH	AD	SE
27	WQD7003 (OCC 5) MCS (AC)	DATA ANALYTICS	3	DR. HEMA SUBRAMANIAM	HSM	SE
28	WOA7018 (OCC 1)	AUTONOMOUS ROBOTICS	3	DR. ZATI HAKIM AZIZUL HASAN	ZH	AI
29	WOA7015 (OCC 1) & (OOC 2)	ADVANCED MACHINE LEARNING	3	DR SAW SHIER NEE	SSN	AI
30	WOC7004 (OCC 1)	ARCHITECTING SOFTWARE SYSTEMS	3	DR. HEMA SUBRAMANIAM	HSM	SE
31	WOC7015 (OCC 1)	SOFTWARE VERIFICATION AND VALIDATION	3	ASSOC. PROF DR. SITI HAFIZAH AB HAMID	SHAH	SE
32	WOC7018 (OCC 1)	REQUIREMENTS ENGINEERING	3	DR. NAZEAN JOMHARI	NJ	SE
33	WVX8001 (PhD) (OCC 1)	ADVANCED RESEARCH METHODS IN COMPUTER SCIENCE AND INFORMATION TECHNOLOGY	3	PROFESSOR TS. DR. RAFIDAH MD NOOR	RMN	CST
34	WOX7001 (OCC 1)	RESEARCH METHODOLOGY (MASTERS BY COURSEWORK AND DISERTATION/MASTER BY RESEARCH) ((MCS/MCS (AC)/MSE (ST))	3	ASSOC. PROF. DR MUMTAZ BEGUM PEER MUSTAFA	MBPM	SE
	WOX7001 (OCC 2)	RESEARCH METHODOLOGY (MASTERS BY COURSEWORK) (MCyberSec)		PROFESSOR. TS. DR. RAFIDAH MD NOOR	RMN	CST
	WOX7001 (OCC 3)	RESEARCH METHODOLOGY (MASTERS BY COURSEWORK) (MAI)		PROFESSOR. IR. DR. CHAN CHEE SENG	CCS	AI
	WOX7001 (OCC 4)	RESEARCH METHODOLOGY (MASTER BY COURSEWORK) MDatSc)		PROFESSOR DR. MOHD YAMANI IDNA IDRIS	MYI	CST
	WOX7001 (OCC 5)	RESEARCH METHODOLOGY (MASTERS BY COURSEWORK) (MDatSc)				
	WOX7001 (RL & OCC 6)	RESEARCH METHODOLOGY (MASTERS BY COURSEWORK) (MDatSc)		PROFESSOR DR. MOHD YAMANI IDNA IDRIS	MYI	CST
	WOX7001 (OCC 7)	RESEARCH METHODOLOGY (MASTER BY COURSEWORK) MDatSc)		ASSOC. PROF. DR. NORJIHAN ABDUL GHANI	NAG	IS

It is recommended that students check the most recent version for any updates at https://fsktm.um.edu.my.

TIMETABLE FOR POSTGRADUATE SEMESTER I, 2025/2026

MASTER OF DATA SCIENCE (REMOTE LEARNING)

Master of Data Science (Remote Learning) Schedule
Weekend

Semester 1 2025/2026

Course Code	Course Name	Type	Credit	Lecturer	Time Table
WQD7001	Principles of Data Science	Core	3	Assoc. Prof. Dr. Maizatul Akmar Ismail	Saturday 8.00AM – 11.00AM
WOX7001	Research Methodology	Core	3	Professor Dr. Mohd Yamani Idna Idris	Saturday 11:00AM – 2.00PM
WQD7003	Data Analytics	Core	3	Assoc. Prof. Ts. Dr. Aznul Qalid Md Sabri	Saturday 3:00PM – 6:00PM
WQD7004	Programming for Data Science	Core	3	Assoc. Prof. Dr. Ang Tan Fong	Saturday 11:00AM – 2.00PM
WQD7008	Parallel and Distributed Computing	Elective	4	Dr. Bryan Raja Peter Jabaraj	Sunday 3:00PM – 6:00PM
WQD7009	Big Data Applications & Analytics	Elective	4	Dr. Riyaz Ahamed	Sunday 11:00AM – 2:00PM

*Time table for courses is subject to change.

WQD7002/WQD7023 Data Science Research Project must be completed in two consecutive semesters. If you register Semester 1 2025/2026, you must complete the project in Semester 2 2025/2026.
If you register Semester 2 2025/2026, you must complete the project in special semester 2025/2026.
If you register for special semester 2025/2026, you must complete the project in Semester 1 2026/2027.

Note: This timetable is for Remote Learning students who registered in 2022/2023 and 2023/2024 academic sessions only.