



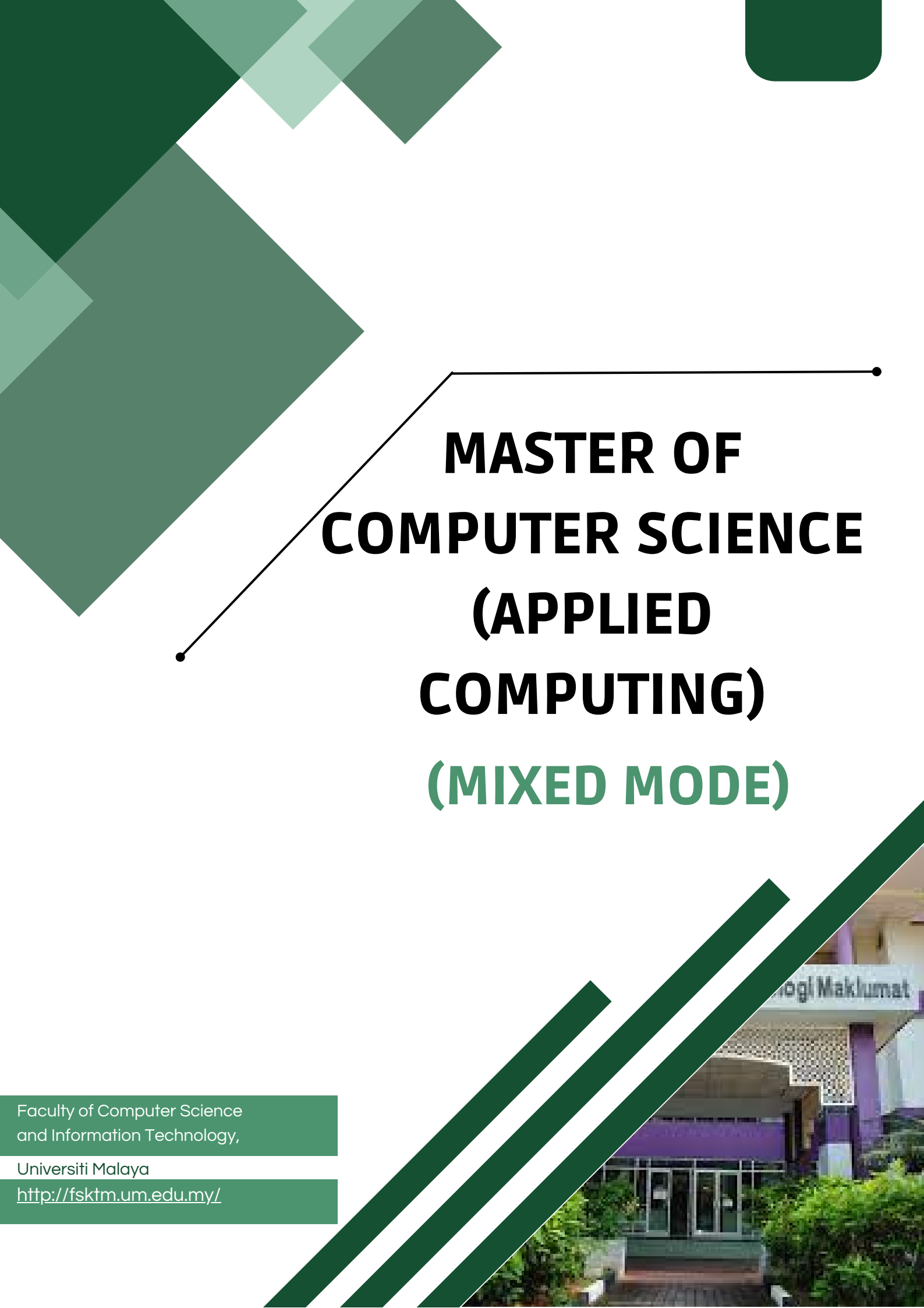
# POSTGRADUATE PROGRAMME KIT

Faculty of Computer Science  
and Information Technology,

Universiti Malaya

<http://fsktm.um.edu.my/>





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

Faculty of Computer Science  
and Information Technology,

Universiti Malaya

<http://fsktm.um.edu.my/>



ologi Maklumat

# COURSE PLAN

## ACADEMIC SESSION 2023/2024

### INTAKE SEMESTER I 2023/2024

MASTER OF COMPUTER SCIENCE (APPLIED COMPUTING)		Credits	Semester I 2023/2024	Semester II 2023/2024	Semester I 2024/2025
<b>Core Courses</b>					
<b>WOX7001</b>	*Research Methodology	<b>3</b>	√		
<b>WOA7001</b>	Advanced Algorithms	<b>3</b>	√		
<b>WOA7015</b>	Advanced Machine Learning	<b>3</b>	√		
<b>WOA7016</b>	Cloud Computing	<b>3</b>		√	
<b>WOA7017</b>	Security Risk Analysis and Evaluation	<b>3</b>		√	
<b>WOC7024</b>	Dissertation	<b>21</b>		√**	√**
<b>Elective Courses [Students are required to choose any two (2) courses from the list below]</b>					
<b>WOA7018</b>	Autonomous Robotics	<b>3</b>	√		
<b>WOA7019</b>	Augmented Reality	<b>3</b>		√	
<b>WOC7014</b>	Framework-Based Software Design and Development	<b>3</b>		√	
<b>WOC7020</b>	Advanced Internet of Things	<b>3</b>	√		
<b>WQD7003</b>	Data Analytics	<b>3</b>	√		

**\* Students are required to register 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)**

Faculty of Computer Science  
and Information Technology,

Universiti Malaya

<http://fsktm.um.edu.my/>



# COURSE PLAN

## ACADEMIC SESSION 2023/2024



### INTAKE SEMESTER I 2023/2024

MASTER OF SOFTWARE ENGINEERING (SOFTWARE TECHNOLOGY)		Credits	Semester I 2023/2024	Semester II 2023/2024	Semester I 2024/2025
<b>Core Courses</b>					
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**	Dissertation	21		√ **	√ **
<b>Elective Courses [Students are required to choose any 2 courses from the list below]</b>					
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	√		

\* Student are required to register Research Methodology course in their first semester

\*\* Students are only allowed to register for Dissertation after completing six (6) credits of core course

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 DATA SCIENCE (COURSEWORK)

Faculty of Computer Science  
and Information Technology,

Universiti Malaya

<http://fsktm.um.edu.my/>



# COURSE PLAN



## ACADEMIC SESSION 2023/2024

### INTAKE SEMESTER I 2023/2024

MASTER OF DATA SCIENCE		Credits	Semester I 2023/2024	Semester II 2023/2024	Semester III 2023/2024
<b>Core Courses</b>					
<b>WOX7001</b>	Research Methodology	3	√	√	
<b>WQD7001</b>	Principles of Data Science	3	√		
<b>WQD7003</b>	Data Analytics	3	√		
<b>WQD7004</b>	Programming for Data Science	4	√		
<b>WQD7005</b>	Data Mining	4		√	
<b>WQD7006</b>	Machine Learning for Data Science	4		√	
<b>WQD7007</b>	Big Data Management	3		√	
<b>WQD7023</b>	**Data Science Research Project	10		√	√
<b>Elective Courses [Students are required to choose any 2 courses from the list below]</b>					
<b>WQD7008</b>	Parallel and Distributed Computing	4	√		
<b>WQD7009</b>	Big Data Applications & Analytics	4	√		
<b>WQD7010</b>	Network and Security	4		√	
<b>WQD7011</b>	Numerical Optimization	4		√	

\*\*Students are only allowed to register for WQD7023 Data Science Research Project after completing at least three (3) core courses (including WOX7001)

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 DATA SCIENCE (REMOTE LEARNING) (COURSEWORK)**

Faculty of Computer Science  
and Information Technology,

Universiti Malaya

<http://fsktm.um.edu.my/>





# COURSE PLAN

## ACADEMIC SESSION 2023/2024

### INTAKE SEMESTER I 2023/2024

MASTER OF DATA SCIENCE		Credits	Semester I 2023/2024	Semester II 2023/2024	Semester III 2023/2024
<b>Core Courses</b>					
<b>WOX7001</b>	Research Methodology	3	√		
<b>WQD7001</b>	Principles of Data Science	3	√		
<b>WQD7003</b>	Data Analytics	3	√		
<b>WQD7004</b>	Programming for Data Science	4	√		
<b>WQD7005</b>	Data Mining	4		√	
<b>WQD7006</b>	Machine Learning for Data Science	4		√	
<b>WQD7007</b>	Big Data Management	3		√	
<b>WQD7023</b>	**Data Science Research Project	10		√	√
<b>Elective Courses [Students are required to choose any 2 courses from the list below]</b>					
<b>WQD7008</b>	Parallel and Distributed Computing	4	√		
<b>WQD7009</b>	Big Data Applications & Analytics	4	√		
<b>WQD7010</b>	Network and Security	4		√	
<b>WQD7011</b>	Numerical Optimization	4		√	

\*\*Students are only allowed to register for WQD7023 Data Science Research Project after completing at least three (3) core courses (including WOX7001)

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 CYBER SECURITY (COURSEWORK)

Faculty of Computer Science  
and Information Technology,

Universiti Malaya

<http://fsktm.um.edu.my/>



# COURSE PLAN



## ACADEMIC SESSION 2023/2024

### INTAKE SEMESTER I 2023/2024

MASTER OF CYBER SECURITY		Credits	Semester I 2023/2024	Semester II 2023/2024	Semester III 2023/2024
<b>Core Courses</b>					
<b>WOX7001</b>	Research Methodology	3	√	√	
<b>WQE7001</b>	Cyber security	3	√		
<b>WQE7002</b>	Advanced Network Security Programming	4	√		
<b>WQE7007</b>	Network Technology and Security	3	√		
<b>WQE7003</b>	Cryptography and Information Hiding	3		√	
<b>WQE7004</b>	Information Assurance	3		√	
<b>WQE7005</b>	Advanced Digital Forensics	3		√	
<b>WOC7020</b>	Advanced Internet of Things	3		√	
<b>WQE7023</b>	Cyber Security Research Project	10		√	√
<b>Elective Courses [Students are required to choose any 2 courses from the list below]</b>					
<b>WQE7008</b>	Wireless Networking and Mobile Computing	4	√		
<b>WQE7011</b>	Advanced Computer Penetration and Defense	4	√		
<b>WQE7009</b>	Emerging Cyber Security Trends	4		√	
<b>WQE7010</b>	Cloud Computing	4		√	

\*\*Students are only allowed to register for the *WQE7023 Cyber Security Research Project* after completing at least three (3) core discipline courses (including WOX7001)

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 ARTIFICIAL INTELLIGENCE (COURSEWORK)

Faculty of Computer Science  
and Information Technology,

Universiti Malaya

<http://fsktm.um.edu.my/>



Teknologi Maklumat

# COURSE PLAN

## ACADEMIC SESSION 2023/2024

### INTAKE SEMESTER I 2023/2024

MASTER OF ARTIFICIAL INTELLIGENCE		Credits	Semester I 2023/2024	Semester II 2023/2024	Semester III 2023/2024
<b>Core Courses</b>					
<b>WOX7001</b>	*Research Methodology	<b>3</b>	√	√	
<b>WOA7015</b>	Advanced Machine Learning	<b>3</b>	√		
<b>WQF7002</b>	Artificial Intelligence Techniques	<b>3</b>	√		
<b>WQF7006</b>	Computer Vision and Image Processing	<b>3</b>	√		
<b>WQF7007</b>	Natural Language Processing	<b>4</b>	√		
<b>WQF7003</b>	Intelligent Computation	<b>4</b>		√	
<b>WQF7004</b>	Data Analytics in Artificial Intelligence	<b>3</b>		√	
<b>WQF7005</b>	Data Privacy and Artificial Intelligence Ethics	<b>3</b>		√	
<b>WQF7023</b>	Artificial Intelligence Research Project	<b>10</b>		√	√
<b>Elective Courses [Students are required to choose any two (2) courses from the list below]</b>					
<b>WQF7008</b>	Practical Deep Learning	<b>3</b>	√		
<b>WQF7009</b>	Explainable Artificial Intelligence (XAI)	<b>3</b>	√		
<b>WOA7019</b>	Augmented Reality	<b>3</b>		√	
<b>WQF7010</b>	Robotics and Automation	<b>3</b>		√	
<b>WQF7011</b>	Cognitive Computing	<b>3</b>		√	

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

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 COMPUTER SCIENCE (RESEARCH)

Faculty of Computer Science  
and Information Technology,

Universiti Malaya

<http://fsktm.um.edu.my/>



# COURSE PLAN

## ACADEMIC SESSION 2023/2024

MASTER OF COMPUTER SCIENCE		Credits
<b>COURSES</b>		
WOX7001	Research Methodology	3
WOX7002	Dissertation	1



# DOCTOR OF PHILOSOPHY (RESEARCH)

Faculty of Computer Science  
and Information Technology,

University of Malaya

<http://fsktm.um.edu.my/>





Teknologi Maklumat



# COURSE PLAN

## ACADEMIC SESSION 2023/2024

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



# **TIMETABLE FOR POSTGRADUATE SEMESTER 1 2023/2024**

Faculty of Computer Science  
and Information Technology,

Universiti Malaya

<http://fsktm.um.edu.my/>



ologi Maklumat

**TIMETABLE FOR POSTGRADUATE PROGRAMMES**  
**SEMESTER I, 2023/2024**  
**ACADEMIC SESSION**

Last Revised: 29/8/2023  
 3.20 pm

Program	Time	Monday	Tuesday	Wednesday	Thursday	Friday	
<b>PHD</b> (Doctor of Philosophy)	6.00pm - 9.00pm		WVX8001 (RA)      DK1				
<b>MCS</b> Master of Computer Science (Research only)	6.00pm - 9.00pm			WOX7001 (SUH) (G1)      MM4			

*This timetable is subject to change.*

*Students are advised to consult the latest version at [http://jw.fsktm.um.edu.my/edit/data/jadual\\_IT.pdf](http://jw.fsktm.um.edu.my/edit/data/jadual_IT.pdf) or any changes.*

**TIMETABLE FOR POSTGRADUATE PROGRAMMES  
SEMESTER I, 2023/2024 ACADEMIC SESSION**

Last Revised:29/08/2023  
3.20 pm

Program	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
<b>MdatSc</b> Master of Data Science (Coursework)	8.30am - 11.30am						WOX7001 (AD) (G3) DK1	WQD7004 (OSY) (G3) MM3	
							WQD7007 (SP) (G2) MM4	WQD7004 (ATF) (RL) ONLINE	
							WQD7001 (ER) (G3) MM3		
							WQD7001 (MAI/RM) (RL) ONLINE		
	11.30am - 2.30 pm							WOX7001 (CCS) (RL) ONLINE	
								WQD7003 (HSM) (G2) MM3	WQD7008 (LCS) (RL) ONLINE
								WQD7006 (VIM) (G2) MM4	WQD7009 (RYZ) (G2) MM4
	3.00pm - 6.00pm							WQD7003 (HR (PRT) (G3) MM3	WQD7009 (RYZ) (RL) ONLINE
								WQD7003 (AQMS) (RL) ONLINE	WQD7008 (LCS) (G2) MM3
								WQD7004 (ATF) (G2) MM3	
								WQD7005 (TYW) (G2) DK1	
	6.00pm - 9.00pm	WQD7001 (MAI) (G1) DK2	WQD7003 (SSN) (G1) MM3	WOX7001 (HSM) (G2) MM6	WQD7004 (ATF) (G1) MM3	WQD7008 (LCS) (G1) MM3			
		WQD7006 MSSK (G1) MM4	WQD7007 (HWL) (G1) MM4	WQD7001 (RM) (G2) DK2	WQD7005 (TYW) (G1) DK1	WQD7009 (RYZ) (G1) MM4			

**Note:**

WOX7001 Research Methodology (Group 1) - Master by Coursework - McyberSec / MAI  
WOX7001 Research Methodology (Group 2 &3) - 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 2023/2024 and complete the project in Special Semester 2023/2024. However, we encourage you to register **(RP)** in special semester 2023/2024 and complete the project in Semester 1 2024/2025 or register **(RP)** in Semester 1 2024/2025 and complete the project in Semester 2 2024/2025 so that you have more time to complete the project.

*This timetable is subject to change.*

*Students are advised to consult the latest version at [http://jw.fsktm.um.edu.my/edit/data/jadual\\_IT.pdf](http://jw.fsktm.um.edu.my/edit/data/jadual_IT.pdf) or any changes.*

**TIMETABLE FOR POSTGRADUATE PROGRAMMES  
SEMESTER I, 2023/2024 ACADEMIC SESSION**

Last Revised:29/08/2023  
3.20 pm

Program	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
<b>M CyberSec</b> Master of Cyber Security (Coursework)	6.00pm - 9.00pm	WQE7001 (RS)      CCNA	WQE7002 (MFZ)      CCNA	WOX7001 (NAG) (G1)      DK1	WQE7007 (AHMAD PRT)      CCNA	WQE7008 (IA)      CCNA		
						WQE7011 (AWAW)      BK1		

**Note:**  
WOX7001 Research Methodology (Group 1) - Master by Coursework - M CyberSec / MAI  
WOX7001 Research Methodology (Group 2 & 3) - Master by Coursework - M DatSc

**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 2023/2024 and complete the project in Special Semester 2023/2024. However, we encourage you to register **(RP)** in special semester 2023/2024 and complete the project in Semester 1 2024/2025 or register **(RP)** in Semester 1 2024/2025 and complete the project in Semester 2 2024/2025 so that you have more time to complete the project.

*This timetable is subject to change.*

*Students are advised to consult the latest version at [http://jw.fsktm.um.edu.my/edit/data/jadual\\_IT.pdf](http://jw.fsktm.um.edu.my/edit/data/jadual_IT.pdf) or any changes.*

# TIMETABLE FOR POSTGRADUATE PROGRAMMES SEMESTER I, 2023/2024 ACADEMIC SESSION

Last Revised:29/08/2023  
3.20 pm

Program	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
<b>MAI</b> Master of Artificial Intelligence (Coursework)	8.30am - 11.30am						WQF7009 (LCK)      MM1	
	11.30am - 2.30 pm						WQF7008 (AQMS)      ML	
	6.00pm - 9.00pm	WQF7002 (ER)      MM1	WQF7006 (NRJ)      MM1	WOX7001 (NAG) (G1)      DK1	WQF7007 (NI)      MM1	WOA7015 (SSN)      MM1		

**Note:**

WOX7001 Research Methodology (Group 1) - Master by Coursework - McyberSec / MAI

WOX7001 Reseach Methodology (Group 2 &3) - 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 2023/2024 and complete the project in Special Semester 2023/2024. However, we encourage you to register **(RP)** in special semester 2023/2024 and complete the project in Semester 1 2024/2025 or register **(RP)** in Semester 1 2024/2025 and complete the project in Semester 2 2024/2025 so that you have more time to complete the project.

*This timetable is subject to change.*

*Students are advised to consult the latest version at [http://jw.fsktm.um.edu.my/edit/data/jadual\\_IT.pdf](http://jw.fsktm.um.edu.my/edit/data/jadual_IT.pdf) or any changes.*

# TIMETABLE FOR POSTGRADUATE PROGRAMMES SEMESTER I, 2023/2024 ACADEMIC SESSION

Last Revised:29/8/2023  
3.20 pm

Program	Time	Monday	Tuesday	Wednesday	Thursday	Friday
MCS (AC) [COHORT 2016-2020 ONWARDS] Master of Computer Science (Applied Computing) (Coursework & Dissertation)	6.00pm - 9.00pm					
MSE (ST) [COHORT 2016-2020 ONWARDS] Master of Software Engineering (Software Technology) (Coursework & Dissertation)	6.00pm - 9.00pm	WOC7005 (SHAH) MM6		WOX7001 (SUH) (G1) MM4		
MCS (AC) [COHORT 2021-2022] Master of Computer Science (Applied Computing) (Coursework & Dissertation)	6.00pm - 9.00pm	WOA7001 (ASS) MM3	WOC7020 (AD) DK2	WOX7001 (SUH) (G1) MM4	WOA7018 (ZH) BK2	WOA7015 (SSN) MM1
			WQD7003 (SSN) (G1) MM3			
MSE (ST) [COHORT 2021-2022] Master of Software Engineering (Software Technology) (Coursework & Dissertation)	6.00pm - 9.00pm	WOC7015 (SHAH) MM6	WOC7020 (AD) DK2	WOX7001 (SUH) (G1) MM4	WOC7004 (HSM) MM6	WOA7015 (SSN) MM1

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

***This timetable is subject to change.***


***Students are advised to consult the latest version at [http://jw.fshtm.um.edu.my/edit/data/jadual\\_IT.pdf](http://jw.fshtm.um.edu.my/edit/data/jadual_IT.pdf) or any changes.***

NO	COURSE CODE	COURSE TITLE	CREDIT	LECTURER'S NAME	INT.	DEPT.
1	WQD7001 (GROUP 1)	PRINCIPLE OF DATA SCIENCE	3	ASSOC. PROF. DR. MAIZATUL AKMAR ISMAIL	MAI	IS
	WQD7001 (GROUP 2)			DR. ROHANA MAHMUD	RM	AI
	WQD7001 (GROUP 3)			DR. ERMA RAHAYU MOHD FAIZAL MOHD ABDULLAH	ER	AI
	WQD7001 (RL)	ASSOC. PROF. DR. MAIZATUL AKMAR ISMAIL / DR. ROHANA MAHMUD		MAI/RM	IS/AI	
2	WQD7003 (GROUP 1)	DATA ANALYTICS	3	DR. SAW SHIER NEE	SSN	AI
	WQD7003 (GROUP 2)			DR. HEMA SUBRAMANIAM	HSM	SE
	WQD7003 (GROUP 3)			DR. HUSNIZA RAZZALI (PRT)	HR	PRT
	WQD7003 (RL)	ASSOC. PROF. DR. AZNUL QALID MD SABRI		AQMS	AI	
3	WQD7004 (GROUP 1)	PROGRAMMING FOR DATA SCIENCE	4	ASSOC. PROF. DR. ANG TAN FONG	ATF	CST
	WQD7004 (GROUP 2)			DR. ONG SIM YING	OSY	SE
	WQD7004 (GROUP 3)				ASSOC. PROF. DR. ANG TAN FONG	ATF
	WQD7004 (RL)	PROGRAMMING FOR DATA SCIENCE		ASSOC. PROF. DR. ANG TAN FONG	ATF	CST
4	WQD7005 (GROUP 1)	DATA MINING	4	PROFESSOR DR. TEH YING WAH	TYW	IS
	WQD7005 (GROUP 2)					
5	WQD7006 (GROUP 1)	MACHINE LEARNING FOR DATA SCIENCE	4	DR. MUHAMMAD SHAHREEZA SAFIRUZ KASSIM	MSSK	AI
	WQD7006 (GROUP 2)			ASSOC. PROF. TS. DR. VIMALA BALAKRISHNAN	VIM	IS
6	WQD7007 (GROUP 1)	BIG DATA MANAGEMENT	3	DR. HOO WAI LAM	HWL	IS
	WQD7007 (GROUP 2)			ASSOC. PROF. DR. SHIVAKUMARA PALAIAHNAKOTE	SP	MM
7	WQD7008 (GROUP 1)	PARALLEL AND DISTRIBUTED COMPUTING	4	ASSOC. PROF. DR. LIEW CHEE SUN	LCS	CST
	WQD7008 (GROUP 2)	PARALLEL AND DISTRIBUTED COMPUTING			LCS	CST
	WQD7008 (RL)	PARALLEL AND DISTRIBUTED COMPUTING		ASSOC. PROF. DR. LIEW CHEE SUN	LCS	CST
8	WQD7009 (GROUP 1)	BIG DATA APPLICATIONS & ANALYTICS	4	DR. RIYAZ AHAMED	RYZ	IS
	WQD7009 (GROUP 2)	BIG DATA APPLICATIONS & ANALYTICS			RYZ	IS
	WQD7009 (RL)	BIG DATA APPLICATIONS & ANALYTICS		DR. RIYAZ AHAMED	RYZ	IS
9	WQE7001	CYBER SECURITY	3	ASSOC. PROF. DR. ROSLI BIN SALLEH	RS	CST
10	WQE7002	ADVANCED NETWORK SECURITY PROGRAMMING	4	DR. MUHAMMAD FAIZ BIN MOHD ZAKI	MFZ	CST
11	WQE7007	NETWORK TECHNOLOGY AND SECURITY	3	DR. AHMAD SHAHRAFIDZ BIN KHALID (PRT)	ASK	PRT
12	WQE7008	WIRELESS NETWORKS AND MOBILE COMPUTING	4	ASSOC. PROF. TS. DR. ISMAIL BIN AHMEDY	IA	CST
13	WQE7011	ADVANCED COMPUTER PENETRATION AND DEFENCE	4	PROF. TS. DR. AINUDDIN WAHID BIN ABDUL WAHAB	AWAW	MM
14	WQF7002	ARTIFICIAL INTELLIGENCE TECHNIQUES	3	DR. ERMA RAHAYU BINTI MOHD FAIZAL ABDULLAH	ER	AI
15	WQF7006	COMPUTER VISION AND IMAGE PROCESSING	3	DR. NURUL BINTI JAPAR	NJ	
16	WQF7007	NATURAL LANGUAGE PROCESSING	4	ASSOC. PROF. DR. NORISMA BINTI IDRIS	NI	
17	WQF7008	PRACTICAL DEEP LEARNING	3	ASSOC. PROF. DR. AZNUL QALID MD SABRI	AQMS	
18	WQF7009	EXPLAINABLE ARTIFICIAL INTELLIGENCE (XAI)	3	PROF. DR. LOO CHU KIONG	LCK	
19	WOA7015	ADVANCED MACHINE LEARNING	3	DR. SAW SHIER NEE	SSN	AI
20	WOA7001	ADVANCED ALGORITHMS	3	DR. ASMIZA ABDUL SANI	AAS	SE
21	WOC7020	ADVANCED INTERNET OF THINGS	3	DR. ADELEH ASEMI ZAVAREH	AAZ	SE
22	WQD7003 (GROUP 1) MCS (AC)	DATA ANALYTICS	3	DR. SAW SHIER NEE	SSN	AI
23	WOA7018	AUTONOMOUS ROBOTICS	3	DR. ZATI HAKIM AZIZUL HASAN	ZH	AI
24	WOA7015	ADVANCED MACHINE LEARNING	3	DR. SAW SHIR NEE	SSN	AI
25	WOC7004	ARCHITECTING SOFTWARE SYSTEMS	3	DR. HEMA SUBRAMANIAM	HSM	SE
26	WOC7005	SOFTWARE TESTING TECHNIQUES AND MANAGEMENT	3	ASSOC. PROF. DR. SITI HAFIZAH BINTI AB HAMID	SHAH	SE
27	WOC7015	SOFTWARE VERIFICATION AND VALIDATION				
28	WVX8001 (PhD)	ADVANCED RESEARCH METHODS IN COMPUTER SCIENCE AND INFORMATION TECHNOLOGY	3	ASSOC. PROF. DR. RODINA AHMAD	RA	SE
29	WOX7001 (GROUP 1)	RESEARCH METHODOLOGY (MASTERS BY COURSEWORK) (McyberSec / MAI)	3	ASSOC. PROF. DR. NORJIHAN ABDUL GHANI	NAG	IS
	WOX7001 (GROUP 2)	RESEARCH METHODOLOGY (MASTERS BY COURSEWORK) (MDatSc)		DR. NORJIHAN ABDUL GHANI	NAG	IS
	WOX7001 (GROUP 3)	RESEARCH METHODOLOGY (MASTERS BY COURSEWORK) (MDatSc)		DR. HEMA SUBRAMANIAM	HSM	SE
	WOX7001 (RL)	RESEARCH METHODOLOGY (MASTERS BY COURSEWORK) (MDatSc)		PROF. IR. DR. CHAN CHEE SENG	CCS	AI
	WOX7001 (GROUP 1)	RESEARCH METHODOLOGY (MASTER BY RESEARCH) (MCS/MCS (AC)/MSE (ST))		ASSOC. PROF. DR. SURAYA HAMID	SUH	IS

This timetable is subject to change.

Students are advised to consult the latest version at [http://jw.fsktm.um.edu.my/edit/data/jadual\\_IT.pdf](http://jw.fsktm.um.edu.my/edit/data/jadual_IT.pdf) or any changes.





**TIMETABLE FOR  
POSTGRADUATE  
SEMESTER 1  
2023/2024**

**MASTER OF DATA  
SCIENCE  
(REMOTE LEARNING)**

Faculty of Computer Science  
and Information Technology,

Universiti Malaya

<http://fsktm.um.edu.my/>



**Master of Data Science (Remote Learning) Schedule  
Batch (Intake Semester 1 Session 2023/2024)  
Weekend**

**Semester 1 2023/2024**

Course Code	Course Name	Type	Credit	Lecturer	Time Table
<b>WQD7001</b>	Principles of Data Science	Core	3	Assoc. Prof. Dr. Maizatul Akmar Ismail /Dr. Rohana Mahmud	Saturday 8:30AM – 11:30AM
<b>WOX7001</b>	Research Methodology	Core	3	Profesor Ir. Dr Chan Chee Seng	Saturday 11:30AM – 2:30PM
<b>WQD7003</b>	Data Analytics	Core	3	Assoc. Prof. Dr. Aznul Qalid Md Sabri	Saturday 3:00PM – 6:00PM
<b>WQD7004</b>	Programming for Data Science	Core	3	Assoc. Prof. Dr. Ang Tan Fong	Sunday 8:30AM – 11:30AM
<b>WQD7008</b>	Parallel and Distributed Computing	Elective	4	Assoc. Prof. Dr. Liew Chee Sun	Sunday 11:30AM – 2:30PM
<b>WQD7009</b>	Big Data Applications & Analytics	Elective	4	Dr. Riyaz Ahamed	Sunday 3:00PM – 6:00PM

\*Time table for courses is subject to change.

**WQD7023 Data Science Research Project** must be completed in two consecutive semesters. Thus, to complete the programme in one year, you can register WQD7023 in Semester 2 2023/2024 and complete the project in Special Semester 2023/2024. However, we encourage you to register WQD7023 in special semester 2023/2024 and complete the project in Semester 1 2024/2025 or register WQD7023 in Semester 1 2024/2025 and complete the project in Semester 2 2024/2025 so that you have more time to complete the project.



# IMPORTANT DATE & NOTICE

Faculty of Computer Science  
and Information Technology,

University Malaya

<http://fsktm.um.edu.my/>



ologi Maklumat

# MAYA PORTAL

**SEMESTER I  
2023/2024**

**REGISTRATION SCHEDULE  
(POSTGRADUATE)**

## Self Enrolment

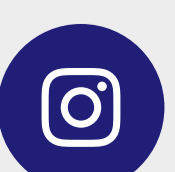
Level of Study	Student Category	Start Date	End Date
Postgraduate	New Students (Coursework & Mixed Mode)	25.09.2023 (8:30 am)	06.10.2023 (11:59 pm)
	New Students (Research)	25.09.2023 (8:30 am)	19.01.2024 (11:59 pm)

## Module Registration & Enrolment Status Activation

Mode of Study	Start Date	End Date
Current Students (Coursework, Mixed Mode & Research)	18.09.2023 (8:30 am)	13.10.2023 (11:59 pm)
New Students (Coursework & Mixed Mode)	25.09.2023 (8:30 am)	13.10.2023 (11:59 pm)
New Students (Research) <i>Module : Research Methodology &amp; Thesis/ Dissertation</i>	25.09.2023 (8:30 am)	20.10.2023 (11:59 pm)
New Students (Research) <i>Module : Thesis/Dissertation only</i>	25.09.2023 (8:30 am)	19.01.2024 (11:59 pm)
Submission of Progress Report <i>For students who have registered for the Dissertation or Thesis Module in Semester I, 2023/2024</i>	18.12.2023	19.01.2024

**Updated: 5 September 2023**

**FOR MORE INFORMATION:**



@umsitsmaya



umsitsguide.um.edu.my