

# M1220 Master of Information Technology (Cyber Security & Networking)

Academic Chair: [Dr Keyvan Ansari](#)

Start Date: Semester 2 2023

Year 1 – 2023	Semester 1 Units	CP	Semester 2 Units	CP
				ICT521 IT Professional Practice
			ICT581 Information Systems Principles and Practice	3
			ICT582 Python Programming Principles and Practice	3
			ICT583 Data Science Applications	3
	<b>Total</b>		<b>Total</b>	12
Year 2 - 2024	Semester 1 Units	CP	Semester 2 Units	CP
	ICT502 Applied Information Security Management	3	ICT519 Computer Security	3
	ICT508 Information Technology Project Management	3	ICT535 Advanced Business Data Communications	3
	ICT546 Local Area Network Design and Implementation	3	ICT603 Wireless Data Communications	3
	ICT615 Information Technology Research Methods	3	ICT604 Security Architectures and Systems Administration	3
	<b>Total</b>	12	<b>Total</b>	12
Year 3 - 2025	Semester 1 Units	CP	Semester 2 Units	CP
	ICT600 Cyber Forensics and Incident Response	3		
	ICT607 Artificial Intelligence for Cyber Security	3		
	ICT5xx/ICT6xx elective	3		
	ICT5xx/ICT6xx elective	3		
	<b>Total</b>	12	<b>Total</b>	

**TOTAL CREDIT POINTS 48**

Semester 1 notes	Semester 2 notes
Specified electives [note normal pre-requisites apply] ICT612 (S1) – 3 CP ICT619 (S1) – 3 CP ICT631 (S1) – 3 CP ICT621* (S1/S2) – 6 CP	Specified electives [note normal pre-requisites apply] ICT516 (S2) – 3 CP ICT601 (S2) – 3 CP ICT611 (S2) – 3 CP ICT616 (S2) – 3 CP ICT622 (S2) – 3 CP ICT621* (S1/S2) – 6 CP
* Enrolment rules for ICT621 (in lieu of two 3-CP electives): Completion of 24 points in a graduate-level IT course and a minimum GPA of 2.8 out of 4, or permission of the Academic Chair.	

**Please note:** This course plan is a sample only and must be read in conjunction with the full course structure, unit prerequisites and enrolment options as outlined in the [Handbook](#). Students should note that due to unit prerequisites, commencing study in Semester 2 may extend the duration of the course. This information is correct as at 30/05/23.