M1220 Master of Information Technology (Cyber Security & Networking)

Academic Chair: Dr Keyvan Ansari   **Start Date:**   Semester 2 2024

	Semester 1 Units	CP	Semester 2 Units	CP
Year 1 – 2024			**ICT521** IT Professional Practice	3
			ICT581 Information Systems Principles and Practice	3
			ICT582 Python Programming Principles and Practice	3
			ICT583 Data Science Applications	3
	Winter Units	**CP**	**Summer Units**	**CP**
	Total		Total	12
Year 2 - 2025	**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
	Winter Units	**CP**	**Summer Units**	**CP**
	Total	12	Total	12
Year 3 - 2026	ICT600 Cyber Forensics and Incident Response	3		
	ICT607 Artificial Intelligence for Cyber Security	3		
	Specified Elective	3		
	Specified Elective	3		
	Winter Units	**CP**	**Summer Units**	**CP**
	Total	12	Total	

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 1/05/24.