M1220 Master of Information Technology (Cyber Security & Networking)

Academic Chair: Dr Keyvan Ansari   **Start Date:** Semester 1 2025

	Semester 1 Units	CP	Semester 2 Units	CP
Year 1 - 2025	ICT502 Applied Information Security Management	3	**ICT508** Information Technology Project Management	3
	ICT546 Local Area Network Design and Implementation	3	ICT519 Computer Security	3
	ICT581 Information Systems Principles and Practice	3	ICT535 Scalable Network Design	3
	ICT582 Python Programming Principles and Practice	3	**ICT583** Data Science Applications	3
	Winter Units	**CP**	**Summer Units**	**CP**
	Total	12	**Total**	12
Year 2 - 2026	**ICT521** IT Professional Practice	3	ICT603 Wireless Data Communications	3
	ICT600 Cyber Forensics and Incident Response	3	ICT604 Security Architectures and Systems Administration	3
	ICT607 Artificial Intelligence for Cyber Security	3	ICT620 IT Capstone Project	3
	ICT615 Information Technology Research Methods	3	*Specified Elective*	3
	Winter Units	**CP**	**Summer Units**	**CP**
	Total	12	**Total**	12

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	Specified electives [note normal pre-requisites apply] ICT516 (S2) – 3 CP ICT601 (S2) – 3 CP ICT616 (S2) – 3 CP ICT622 (S2) – 3 CP

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 17/12/24.