

M1220 Master of Information Technology (Artificial Intelligence and Data Science)

Academic Chair: [Dr Keyvan Ansari](#)

Start Date: Semester 1 2025

Year 1 - 2025	Semester 1 Units	CP	Semester 2 Units	CP
	ICT521 IT Professional Practice	3	ICT508 Information Technology Project Management	3
	ICT581 Information Systems Principles and Practice	3	ICT515 Foundations of Data Science	3
	ICT582 Python Programming Principles and Practice	3	ICT601 Business Analytics	3
	ICT583 Data Science Applications	3	ICT616 Data Resources Management	3
	Winter Units	CP	Summer Units	CP
	Total	12	Total	12
Year 2 - 2026	Semester 1 Units	CP	Semester 2 Units	CP
	ICT502 Applied Information Security Management	3	ICT513 Data Analytics	3
	ICT606 Machine Learning	3	ICT605 Interactive Data Visualisation and Simulation	3
	ICT615 Information Technology Research Methods	3	ICT620 IT Capstone Project	3
	ICT619 Artificial Intelligence	3	<i>Specified Elective</i>	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 ICT631 (S1) – 3 CP MBS659 (T1 or T2)^ – 3 CP	Specified electives [note normal pre-requisites apply] ICT501 (S2) – 3 CP ICT505 (S2) – 3 CP ICT622 (S2) – 3 CP MBS659 (T2 or T3)^ – 3 CP
^ Please check the Handbook for the Trimester of offering.	

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.