

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

Academic Chair: [Dr Keyvan Ansari](#)

Start Date: Semester 2 2023

Year	Semester 1 Units		Semester 2 Units	
		CP		CP
Year 1 – 2023			ICT515 Foundations of Data Science	3
			ICT581 Information Systems Principles and Practice	3
			ICT582 Python Programming Principles and Practice	3
			ICT583 Data Science Applications	3
		Total	Total	12
Year 2 - 2024	Semester 1 Units		Semester 2 Units	
		CP		CP
	ICT502 Applied Information Security Management	3	ICT521 IT Professional Practice	3
	ICT508 Information Technology Project Management	3	ICT601 Business Analytics	3
	ICT513 Data Analytics	3	ICT605 Interactive Data Visualisation and Simulation	3
	ICT606 Machine Learning	3	ICT616 Data Resources Management	3
	Total	12	Total	12
Year 3 - 2025	Semester 1 Units		Semester 2 Units	
		CP		CP
	ICT615 Information Technology Research Methods	3		
	ICT619 Artificial Intelligence	3		
	ICT5xx/ICT6xx/MBS6xx Specified Elective	3		
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	Total	12	Total	

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 ICT621* (S1/S2) – 6 CP MAS352 (S1) – 3 CP MBS659 (T1 or T2) – 3 CP MBS673 (T1 or T2) – 3 CP	Specified electives [note normal pre-requisites apply] ICT501 (S2) – 3 CP ICT505 (S2) – 3 CP ICT519 (S2) – 3 CP ICT622 (S2) – 3 CP ICT621* (S1/S2) – 6 CP MBS659 (T2 or T3) – 3 CP MBS673 (T2 or T3) – 3 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 6/06/23.