Master of Information Technology (Artificial Intelligence)

Useful study planning/enrolment resources:

Course and Subject Handbook
Academic Calendars
Class Registration
Enrolment Resources

The information in the study planner is current at the time of creation may be subject to future change.

Attention International Student visa holders: To remain compliant with your enrolments requirements as a Student visa holder you are required to enrol in at least one On-Campus, Multi-Modal or WIL subject offering in each compulsory study period and you cannot enrol in more than one third (33%) of your total course load through online or distance learning. To complete your course within your CoE duration students must maintain sufficient subject enrolment.
If you are receiving US Federal Aid, there are further compliance considerations. Please contact financialaid@jcu.edu.au to confirm compliance of your subject selections.

Student Resources: If you require advice about your study plan, choosing electives, or which subjects to enrol in, please contact your major advisor or degree coordinator (CSE Course and Major Advisors). For information on available elective subject options please also refer to the Study Area guide (2026 JCU STUDY AREA GUIDE — College of Science & Engineering).

Your plan may include subjects labelled with ***Intensive on-campus requirements***. These subjects involve mandatory on-campus or fieldwork attendance with extended hours over a dedicated face-to-face period. Please check the face-to-face dates for the subject in the subject handbook and do not enrol in subjects with overlapping face-to-face dates. For more information, see the CSE Student Guide to Succeeding in Trimester 2 Intensives on the CSE Student Resources webpage.

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2026			CP5631:03 Internet Fundamentals *Online*
			CP5633:03 Database Modelling

Option 1 Second Major and Option 3 Electives

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2027	CP5639:03 Problem Solving and Programming I	CP5638:03 Web Design and Development (TR1) **OR** CP5407:03 Machine Learning and Data Science (TR2)* **OR** CP5409:03 Operating Systems and Shell Scripting (TR2) **OR** CP5632:03 Programming II (TR2, TR3) *PREREQ: CP5639* *Online* **OR** CP5641:03 Design Thinking Principles (TR3)	**Major** CP5403:03 Large Language Models *PREREQ: CP5407*
	Major CP5404:03 AI Applications and Ethics	CP5603:03 Advanced E-Security *PREREQ: CP5631 or admission to [112404] Master of Information Technology - Master of Business Administration, or [118304] Master of Engineering (Professional), or [113504] Master of Information Technology* *Online* *Cairns On-Campus offered in TR3*	Elective **OR** Second Major Subject *(Depending on chosen structure)*
	Elective **OR** Second Major Subject *(Depending on chosen structure)*	Select 3 credit points of any CP or MA or SC level 5 subjects**	

** Students studying the Artificial Intelligence Major must choose CP5407 Machine Learning and Data Science in Trimester 2, 2027*

*** Students doing the second major in Cyber Security or Software Engineering must take additional fundamental subject (CP5409 for Cyber Security Major or CP5632 for Software Engineering Major)*

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2028	CP5046:03 ICT Project 1: Analysis and Design *PREREQ: 9 credit points of level 5 CP subjects*	CP5047:03 ICT Project 2: Implementation and Commissioning *PREREQ: CP5046*	
	Major CP5634:03 Data Mining *PREREQ: CP5639*	**Major** CP5701:03 Deep Learning *PREREQ: CP5407*	
	Elective **OR** Second Major Subject *(Depending on chosen structure)*	Elective **OR** Second Major Subject *(Depending on chosen structure)*	

Option 2 Research

	TEACHING PERIOD 1		TEACHING PERIOD 2	
2027			Semester 2	RM8501:06 Research Planning
	TRIMESTER 1	**TRIMESTER 2**		**TRIMESTER 3**
	CP5639:03 Problem Solving and Programming I	CP5638:03 Web Design and Development (TR1) **OR** CP5407:03 Machine Learning and Data Science (TR2)* **OR** CP5409:03 Operating Systems and Shell Scripting (TR2) **OR** CP5632:03 Programming II (TR2, TR3) *PREREQ: CP5639* *Online* **OR** CP5641:03 Design Thinking Principles (TR3)		**Major** CP5403:03 Large Language Models *PREREQ: CP5407*
	Major CP5404:03 AI Applications and Ethics	CP5603:03 Advanced E-Security *PREREQ: CP5631 or admission to [112404] Master of Information Technology - Master of Business Administration, or [118304] Master of Engineering (Professional), or [113504] Master of Information Technology* *Online* *Cairns On-Campus offered in TR3*		
	Select 3 credit points of any CP or MA or SC level 5 subjects			

** Students studying the Artificial Intelligence Major must choose CP5407 Machine Learning and Data Science in Trimester 2, 2027*

2028	TEACHING PERIOD 1		TEACHING PERIOD 2
	Semester 1	RM8502:06 Research Project	

TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
CP5046:03 ICT Project 1: Analysis and Design *PREREQ: 9 credit points of level 5 CP subjects*	CP5047:03 ICT Project 2: Implementation and Commissioning *PREREQ: CP5046*	
Major CP5634:03 Data Mining *PREREQ: CP5639*	**Major** CP5701:03 Deep Learning *PREREQ: CP5407*	

COURSE HANDBOOK

Master of Information Technology

Artificial Intelligence Major