Master of Information Technology

Software Engineering Major

2027 ENTRY

Useful study planning / enrolment resources

Course and Subject Handbook	Academic Calendars	Class Registration	Enrolment Resources

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.

Intensive on-campus requirements: Subjects labelled with *Intensive on-campus requirements 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.

How to read this planner

PREREQ Prerequisite information **ONLINE** Online offering **PLACEMENT** Placement requirement **INTENSIVE** Intensive on-campus requirement

2027

TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
CP5631:03 Internet Fundamentals	**Major** CP5307:03 Advanced Mobile Technology **PREREQ:** CP5639	CP5603:03 Advanced E-Security **PREREQ:** CP5631 or admission to either the MIT-MBA (112404) or MEng(Prof) (118304) or MInfTech (113504)
CP5639:03 Problem Solving and Programming I	Elective **OR** Second Major Subject *(Depending on chosen structure)*	CP5632:03 Programming II (TR3)** **PREREQ: CP5639** **OR** CP5407:03 Machine Learning and Data Science (TR2) **OR** CP5409:03 Operating Systems and Shell Scripting (TR2) **OR** CP5638:03 Web Design and Development (TR1) **OR** CP5641:03 Design Thinking Principles (TR3)
Select 3 credit points of any CP or MA or SC level 5 subjects*		CP5633:03 Database Modelling

*Students doing the second major must take additional fundamental subject (CP5407 for Artificial Intelligence Major or CP5409 for Cyber Security Major)

**Students studying the Software Engineering Major must choose CP5632 Programming II in Trimester 3, 2027

Option 1 – Second Major or Option 3 - Electives

2028

TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
Major CP5401:03 Software Quality Engineering **PREREQ:** CP5632	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 CP5507:03 Advanced Software Engineering **PREREQ:** CP5632	Elective **OR** Second Major Subject *(Depending on chosen structure)*	**Major** CP5402:03 Full Stack Development **PREREQ:** CP5632
Elective **OR** Second Major Subject *(Depending on chosen structure)*		Elective **OR** Second Major Subject *(Depending on chosen structure)*

Option 2 – Research

Students intending to undertake **Option 2 - Research** are advised to consult the Course Coordinator early in their studies to ensure appropriate preparation and elective selection prior to undertaking the research subjects RM8501 and RM8502.

2028

SEMESTER 1	SEMESTER 2
RM8501:06 Research Planning	RM8502:06 Research Project

TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
Major CP5401:03 Software Quality Engineering **PREREQ:** CP5632	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 CP5507:03 Advanced Software Engineering **PREREQ:** CP5632		**Major** CP5402:03 Full Stack Development **PREREQ:** CP5632

Course handbook

Master of Information Technology	Software Engineering Major

Award Title	Master of Information Technology
Abbreviation	MInfTech
Credit Points	48
AQF Level	Level 9 - Master's Degree (Coursework)
Location	Cairns Nguma-bada and JCU Online
Division	Academy
College	College of Science and Engineering
Expected Time to Complete	2 Years
Maximum Time to Complete	8 Years
Maximum Leave of Absence	1 Years
CRICOS Code	084823K