

## Master of Information Technology (Software Engineering)

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](mailto: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 <i>Online</i>
			CP5633:03 Database Modelling

## Option 1 Second Major and Option 3 Electives

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2027	Elective <b>OR</b> Second Major Subject <i>(Depending on chosen structure)</i>	CP5638:03 Web Design and Development (TR1) <b>OR</b> CP5407:03 Machine Learning and Data Science (TR2) <b>OR</b> CP5409:03 Operating Systems and Shell Scripting (TR2) <b>OR</b> CP5632:03 Programming II (TR2, TR3)* <i>PREREQ: CP5639</i> <i>Online</i> <b>OR</b> CP5641:03 Design Thinking Principles (TR3)	<b>Major</b> CP5402:03 Full Stack Development <i>PREREQ: CP5632</i>
	CP5639:03 Problem Solving and Programming I	Select 3 credit points of any CP or MA or SC level 5 subjects**	Elective <b>OR</b> Second Major Subject <i>(Depending on chosen structure)</i>
	Elective <b>OR</b> Second Major Subject <i>(Depending on chosen structure)</i>	CP5603:03 Advanced E-Security <i>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</i> <i>Online</i> <i>Cairns On-Campus offered in TR3</i>	

\*Students studying the Software Engineering Major must choose CP5632 Programming II in Trimester 2, 2027

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

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2028	<b>Major</b> CP5507:03 Advanced Software Engineering <i>PREREQ: CP5632</i>	CP5047:03 ICT Project 2: Implementation and Commissioning <i>PREREQ: CP5046</i>	
	<b>Major</b> CP5401:03 Software Quality Engineering <i>PREREQ: CP5632</i>	<b>Major</b> CP5307:03 Advanced Mobile Technology <i>PREREQ: CP5639</i>	
	CP5046:03 ICT Project 1: Analysis and Design <i>PREREQ: 9 credit points of level 5 CP subjects</i>	Elective <b>OR</b> Second Major Subject <i>(Depending on chosen structure)</i>	

## Option 2 Research

		TEACHING PERIOD 1		TEACHING PERIOD 2	
				Semester 2	RM8501:06 Research Planning
		TRIMESTER 1	TRIMESTER 2	TRIMESTER 3	
2027	CP5639:03 Problem Solving and Programming I	CP5638:03 Web Design and Development (TR1) <b>OR</b> CP5407:03 Machine Learning and Data Science (TR2) <b>OR</b> CP5409:03 Operating Systems and Shell Scripting (TR2) <b>OR</b> CP5632:03 Programming II (TR2, TR3)* <i>PREREQ: CP5639</i> <i>Online</i> <b>OR</b> CP5641:03 Design Thinking Principles (TR3)	CP5603:03 Advanced E-Security <i>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</i> <i>Online offering pending approval in Espresso</i> <i>Cairns On-Campus offered in TR3</i>		
	CP5046:03 ICT Project 1: Analysis and Design <i>PREREQ: 9 credit points of level 5 CP subjects</i>	CP5047:03 ICT Project 2: Implementation and Commissioning <i>PREREQ: CP5046</i>	<b>Major</b> CP5402:03 Full Stack Development <i>PREREQ: CP5632</i>		
	Select 3 credit points of any CP or MA or SC level 5 subjects				

\*Students studying the Software Engineering Major must choose CP5632 Programming II in Trimester 2, 2027

<b>2028</b>	<b>TEACHING PERIOD 1</b>		<b>TEACHING PERIOD 2</b>		
	Semester 1	RM8502:06 Research Project			
	<b>TRIMESTER 1</b>		<b>TRIMESTER 2</b>		<b>TRIMESTER 3</b>
	<b>Major</b> CP5507:03 Advanced Software Engineering <i>PREREQ: CP5632</i>		<b>Major</b> CP5307:03 Advanced Mobile Technology <i>PREREQ: CP5639</i>		
	<b>Major</b> CP5401:03 Software Quality Engineering <i>PREREQ: CP5632</i>				

**COURSE HANDBOOK**

[Master of Information Technology](#)  
[Software Engineering Major](#)