

Master of Engineering (Professional) (Internet of Things and Data 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 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			EG5210:03 Risk Engineering and Systems Safety
			Major CC5901:03 IoT Communication Systems
			Major MA5820:03 Statistical Methods for Data Scientists

		TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2027	Major Select 3 credit points of subjects from List 1		EG5220:03 Advanced Asset Management and Reliability	EG5312:03 Research Project 2 <i>PREREQ: EG5311</i>
	BLOCK 2 (Mar-Apr)		EG5311:03 Research Project 1 <i>PREREQ: Must have completed 18 credit points within the MEng(Prof) program</i>	MA5800:03 Foundations for Data Science
	Major EE5901:03 Advanced Sensor Technologies		Major MA5810:03 Introduction to Data Mining <i>PREREQ: MA5820</i>	Major CP5603:03 Advanced E-Security <i>PREREQ: CP5631 or [118304] Master of Engineering (Professional)</i>

		TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2028	EG5300:06 Engineering Practice		LB5205:03 People in Organisations Select 3 credit points of a level 3, 4 or 5, CC, CP, CS, EA, EE, EG, EV, MA, or ME subject	
	Major MA5832:03 Data Mining and Machine Learning <i>PREREQ: MA5810</i>			

COURSE HANDBOOK

[Master of Engineering \(Professional\) Handbook](#)
[Internet of Things and Data Major](#)