

Master of Data Science (Professional)

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			*CP5633:03 Database Modelling
			MA5800:03 Foundations for Data Science
			MA5820:03 Statistical Methods for Data Scientists

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2027	*CP5639:03 Problem Solving and Programming I	CP5806:03 Data Information: Management, Security, Privacy and Ethics	***MA5405 Data Mining <i>PREREQ: MA2405 or MA2000, or SC2202 or SC2209 or SC5202 or MA5820</i>
	**Select 3 credit points of any Level 5 CP subject	MA5810:03 Introduction to Data Mining <i>PREREQ: MA5820</i>	MA5821:03 Visual Analytics for Data Scientists using SAS <i>PREREQ: 9CP of postgraduate subjects including MA5820 and MA5800</i>
		MA5830:03 Data Visualisation	MA5840:03 Data Science and Strategic Decision Making for Business <i>PREREQ: 12CP of postgraduate subjects</i>

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2028	****EG5300:06 Engineering Practice	MA5831:03 Advanced Data Management and Analysis using SAS <i>PREREQ: (MA5810 and admission to 300104 or 300504-MDSc or 300604-MDScProf) OR (admission to 115510 or 115810 plus MA2405 and MA3405)</i>	
		MA5852 Data Science Master Class 2 <i>PREREQ: MA5832 or MA5405</i>	
	MA5851:03 Data Science Master Class 1 <i>PREREQ: (MA5832 or MA5405) and CP5805</i>		

ADDITIONAL INFORMATION

*CP5804 and CP5805 have been replaced with CP5633 and CP5639

**MA5890 replaced with elective option

***MA5832 replaced with MA5405

****MA5891 and MA5892 replaced with EG5300

COURSE HANDBOOK

[Master of Data Science \(Professional\)](#)