

Bachelor of Science (Data Science)

Useful study planning/enrolment resources:

[Subject Search](#)

[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.

If you would prefer a part-time study plan, please adjust the below study planner; reviewing subject prerequisites to ensure you are on track for course completion.

***Students in this major must select CP1401 and CP1404 as Breadth List subjects**

		TEACHING PERIOD 2	
		2022	
	Study Period 2		MA1020:03 Preparatory Mathematics OR Select 3 credit points of any level 1, 2, 3 or 5 subjects (if completed high school level Maths Methods or equivalent)
	Study Period 2		Elective OR Second Major Subject (Depending on chosen structure)
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		TEACHING PERIOD 1		TEACHING PERIOD 2			
2023	Study Period 1	SC1101:03 Science, Technology and Truth		Study Period 2	SC1102:03 Modelling Natural Systems <i>PREREQ: MA1020 or MA0020 or Senior Mathematics or equivalent</i> OR SC1109:03 Modelling Natural Systems - Advanced <i>PREREQ: MA1000 or MA1009</i>		
	Study Period 1	SC2202:03 Quantitative Methods in Science <i>PREREQ: SC1102 or MA1020 or MA1000 or Mathematics B or equivalent</i> OR SC2209:03 Quantitative Methods in Science - Advanced <i>PREREQ: SC1109 and MA1003 plus 6 credit points of any level 1 subjects</i>		Study Period 2	Major MA1580:03 Foundations of Data Science <i>PREREQ: MA1000 or MA1020 or MA0020 or Mathematics B</i>		
	Study Period 1	Major MA1000:03 Mathematical Foundations <i>PREREQ: MA1020 or Mathematics B or Mathematics C</i>		Study Period 2	Major MA2405:03 Advanced Statistical Modelling <i>PREREQ: (MA1401 or BZ2001 or MA2401 or SC2202 or SC2209) and MA1000</i>		
		TRIMESTER 1		TRIMESTER 2		TRIMESTER 3	
		Breadth List CP1401:03 Problem Solving and Programming I				Breadth List CP1404:03 Programming II <i>PREREQ: CP1401</i>	

		TEACHING PERIOD 1		TEACHING PERIOD 2	
2024	Study Period 1	Major Select 3 credit points from List 1		Study Period 2	Major MA3405:03 Statistical Data Mining for Big Data <i>PREREQ: MA2405 or MA2000 or SC2202 or SC2209</i>
	Study Period 1	Elective OR Second Major Subject (Depending on chosen structure)		Study Period 2	Major Select 3 credit points from List 1
	Study Period 1	Elective OR Second Major Subject (Depending on chosen structure)		Study Period 2	Select 3 credit points of subjects from List 2 (Skill Subjects)

		TEACHING PERIOD 1	TEACHING PERIOD 2
2025	Study Period 1	SC3008:03 Professional Placement <i>PREREQ: 12 credit points of second year subjects and be enrolled in their final year of study within the College of Science and Engineering</i> OR SC5008:03 Professional Placement OR SC3901:03 Special Topic 1	Major MA3212:03 Optimisation and Operations Research <i>PREREQ: MA2000 and (MA2210 or MA2201)</i> OR MA3832:03 Neural Network and Deep Learning <i>PREREQ: (MA3405 or MA5405) and CP1404</i>
	Study Period 1	Major MA3831:03 Natural Language Processing, Web Scraping and Large Data Processing <i>PREREQ: CP1404 and MA3405</i>	Study Period 2 Elective OR Second Major Subject (Depending on chosen structure)
	Study Period 1	Elective OR Second Major Subject (Depending on chosen structure)	Study Period 2 Elective OR Second Major Subject (Depending on chosen structure)

ADDITIONAL INFORMATION

Prior approval required from subject coordinator to enrol in either:

- SC5008:03 Professional Placement; or
- SC3901:03 Special Topic 1

COURSE HANDBOOK

[2022 Bachelor of Science](#)