

Master of Data Science (Professional) – SP86 2021 Entry (JCU Online)

2021		
		Study Period 86
		MA5820 :03 Statistical Methods for Data Scientists
2022		
Study Period 81	Study Period 82	Study Period 83
MA5800 :03 Foundations for Data Science	CP5804 :03 Database Systems	MA5830 :03 Data Visualisation
Study Period 84	Study Period 85	Study Period 86
MA5801 :03 Essential Mathematics for Data Scientists	CP5805 :03 Programming and Data Analytics Using Python PREREQ: 6 credit points of postgraduate subjects	MA5810 :03 Introduction to Data Mining PREREQ: MA5820 and MA5800
2023		
Study Period 81	Study Period 82	Study Period 83
MA5821 :03 Visual Analytics for Data Scientists using SAS PREREQ: MA5820 AND 12CP OF POSTGRADUATE SUBJECTS	MA5851 :03 Data Science Master Class 1 PREREQ: 36 credit points of postgraduate subjects	MA5831 :03 Advanced Data Management and Analysis using SAS PREREQ: 24 credit points of postgraduate subjects
Study Period 84	Study Period 85	Study Period 86
MA5840 :03 Data Science and Strategic Decision Making PREREQ: 24 credit points of postgraduate subjects	MA5832 :03 Data Mining and Machine Learning PREREQ: MA5810 and 24 credit points of postgraduate subjects	CP5806 :03 Data and Information: Management, Security, Privacy and Ethics PREREQ: Admission to Master of Data Science and 24 credit points of postgraduate subjects
2024		
Study Period 81	Study Period 82	Study Period 83
MA5852 :03 Data Science Master Class 2 PREREQ: 36 credit points of postgraduate subjects	MA5853 :03 Data Science Project 1 PREREQ: 36 credit points of postgraduate subjects	MA5854 :03 Data Science Project 2 PREREQ: 36 credit points of postgraduate subjects

SPECIAL ADMISSION REQUIREMENTS

Candidates will need to ensure that they have reliable access to internet services and computing resources.

ADDITIONAL ADMISSION REQUIREMENTS

Mathematics B (or equivalent that includes algebra and elementary differential calculus) together with some background in computing, data analysis or programming is assumed.

Admission based on relevant industry experience must be supported by a detailed CV and proof of work experience (e.g. a letter from an employer detailing the position and job description).

COURSE PROGRESSION REQUISITES

Must successfully complete sequence 1 and 2 sequentially before attempting any sequence 3 subjects.

To ensure satisfactory progression a minimum of three subjects must be taken in any 12-month period.

ADDITIONAL INFORMATION

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