

Master of Data Science (Professional) – SP85 2021 Entry (Cairns)

2021		
	Study Period 85	Study Period 86
	MA5830 :03 Data Visualisation	MA5890 :03 Professional Employability
		MA5820 :03 Statistical Methods for Data Scientists (External Mode)
2022		
Study Period 81	Study Period 82	Study Period 83
MA5800 :03 Foundations for Data Science	MA5810 :03 Introduction to Data Mining PREREQ: MA5820 and MA5800	MA5832 :03 Data Mining and Machine Learning PREREQ: MA5810 and 24 credit points of postgraduate subjects
CP5805 :03 Programming and Data Analytics Using Python (External Mode) PREREQ: 6 credit points of postgraduate subjects	CP5804 :03 Database Systems	MA5821 :03 Visual Analytics for Data Scientists using SAS (External Mode) PREREQ: MA5820 AND 12CP OF POSTGRADUATE SUBJECTS
Study Period 84	Study Period 85	Study Period 86
CP5806 :03 Data and Information: Management, Security, Privacy and Ethics PREREQ: Admission to Master of Data Science and 24 credit points of postgraduate subjects	MA5831 :03 Advanced Data Management and Analysis using SAS PREREQ: 24 credit points of postgraduate subjects	MA5891 :03 Professional Placement/Internship 1 PREREQ: MA5890
		MA5840 :03 Data Science and Strategic Decision Making (External Mode) PREREQ: 24 credit points of postgraduate subjects
2023		
Study Period 81	Study Period 82	Study Period 83
MA5892 :03 Professional Placement/Internship 2 PREREQ: MA5891	MA5851 :03 Data Science Master Class 1 PREREQ: 36 credit points of postgraduate subjects	MA5852 :03 Data Science Master Class 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](#)