

BN-13131		Graduate Certificate in Data Analytics			
Version	2	Link to Program Overview			May Intake
Cricos	0100103				
May	2025 Semester 1	Analytics Option Choose a subject from the Analytics option	Analytics Option Choose a subject from the Analytics option	Analytics Option Choose a subject from the Analytics option	General Elective PG 1 Choose ten credit point (10CP) of PG subject from across the University, provided requirements are met.
		Subject Catalogue	Major Catalogue	Program Catalogue	

BN-13131		Graduate Certificate in Data Analytics			
Version	2				Sep Intake
September	2025 Semester 1	Analytics Option Choose a subject from the Analytics option	Analytics Option Choose a subject from the Analytics option	Analytics Option Choose a subject from the Analytics option	General Elective PG 1 Choose ten credit point (10CP) of PG subject from across the University, provided requirements are met.

PROGRAM INFORMATION

Data analytics has become one of the highest growth areas of academic and commercial practice. With applications in nearly all aspects of quantitative endeavours and information management, a skillset in analytics, statistical and machine learning is highly valued and sought after. As such, there is a high demand for pathways for developing data analytics skills, both as a primary and a professional transition education pathway.

SUBJECT INFORMATION

ASSUMED KNOWLEDGE

Assumed knowledge is the minimum level of knowledge of a subject area that students are assumed to have acquired through previous study. It is the responsibility of students to ensure they meet the assumed knowledge expectations of a specified subject. Students who do not possess this prior knowledge are strongly recommended against enrolling and do so at their own risk. No concessions will be made for students' lack of prior knowledge. Please check for all requirements on your subject outline prior to enrolment.

OPPORTUNITIES

Students may have the opportunity to participate in an international study tour experience or internship as a general elective. Those interested should consult an Enrolment Officer in Student Assist for guidance and to check eligibility requirements (e.g., GPA, language proficiency, prerequisites).

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Version	2	Link to Subject Overview		
Available	Code	Title	Assumed Knowledge	Requisite
J/M/S	Data Analytics Options	Students must choose thirty credit points (30CP) of subjects from the following electives.		
M/S	ACSC71-200	Mathematical Statistics		
J/S	ACSC71-306	Stochastic Processes	ECON71-200 STAT71-112	ACSC71-200
M/S	ACSC71-307	Survival Analysis		ACSC71-200
J/S	DTSC71-300	Infrastructure for Data Analytics	STAT71-112	
J/M	DTSC71-301	Deep Learning Through Neural Networks	STAT71-112	DTSC71-200
M/S	DTSC71-302	Statistical Learning and Regression Models	DTSC71-200 ECON71-200	
S	DTSC71-306	Advanced Machine Learning	DTSC71-100 DTSC71-200	
S	DTSC71-307	Advanced Statistical Learning Models		DTSC71-302
S	ECON71-300	Advanced Econometrics		ECON71-200
	General Elective PG 1	Choose ten credit point (10CP) of PG subject from across the University, provided requirements are met.		