

BN-13131		Graduate Certificate in Data Analytics					
Version		2		<div>Link to Program Overview</div>		May Intake	
Cricos		0100103					
May	2026 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	2026 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.

OPPORTUNITES

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		<div>Link to Subject Overview</div>			
Available	Code	Title		Assumed Knowledge		Requisite	
	Data Analytics Option 3	Students must choose thirty credit points (30CP) of subjects from from the Analytics option					
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	Modern Machine Learning Models		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.					