Program structure and sequence plans

BN-13131		**Graduate Certificate in Data Analytics**			
Version	**1**				**May Intake**
May	**2023** Semester 1	Analytics Option PG — Choose any Analytics Option subject provided requirements are met.	Analytics Option PG — Choose any Analytics Option subject provided requirements are met.	General Elective PG — Choose any PG subject provided requirements are met.	General Elective PG — Choose any PG subject provided requirements are met.

Subject Catalogue   Major Catalogue   Program Catalogue

BN-13131		**Graduate Certificate in Data Analytics**			
Version	**1**				**Sep Intake**
September	**2023** Semester 1	Analytics Option PG — Choose any Analytics Option subject provided requirements are met.	Analytics Option PG — Choose any Analytics Option subject provided requirements are met.	General Elective PG — Choose any PG subject provided requirements are met.	General Elective PG — Choose any PG subject provided requirements are met.

GENERAL 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.

PROGRAM INFORMATION

SUBJECT INFORMATION

Please Note: The following subject have been re-coded -MKTG71-602 (MKGT71-303)

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 enrolement.

BN-13131		**Graduate Certificate in Data Analytics**		
Version	1			
Total Subjects	4	Total Credit Points	**Postgraduate Certificate**	Cricos Code
Structure		**2 Alternate Analytic optionsnate**	**2 Alternate Financial optionsnate**	

Available	Code	Title	Assumed Knowledge	Requisite
You must complete the following required subjects:				
J/M/S	Data Analytics Options	Students must choose thirty credit points (30CP) of subjects from the following electives.		
J/S	ACCT71-306	Data Analytics for Accountants	ACCT71-102, ACCT71-202, ACCT71-211	
S	ACSC71-305	Actuarial and Financial Models		ACSC71-200_Pre/Co-Requisite
J/S	ACSC71-306	Stochastic Processes		
M/S	ACSC71-307	Survival Analysis		ACSC71-200
S	DTSC71-110	Cyber and Fraud Threats in Organisations		
S	DTSC71-300	Infrastructure for Data Analytics	STAT71-112	
J/M	DTSC71-301	Applied Machine Learning	STAT71-112	
M	DTSC71-302	Statistical Learning and Regression Models	DTSC71-200, ECON71-200	
	DTSC71-305	Financial Trading Systems	DTSC71-200	
S	DTSC71-306	Advanced Machine Learning	DTSC71-200, DTSC71-301	
S	ECON71-300	Advanced Econometrics		ECON71-200
M	MKTG71-303	Market Research		
	General Elective 1	Students must choose ten credit points (10CP) of postgraduate subjects from across the University.		