Program structure and sequence plans

BN-10043   **Bachelor of Data Analytics (3 Year Program)**

Version 4

Cricos 0101007

  Jan Intake

January	**2025** Semester 1	CORE11-011 Critical Thinking and Communication	DTSC12-200 Data Science	STAT11-112 Quantitative Methods	AMG Choose a subject from the Analytics, minor or elective option
September	**2025** Semester 2	CORE11-012 Responsibility, Integrity and Civic Discourse	ACSC12-200 Mathematical Statistics	ECON12-200 Linear Models and Applied Econometrics	AMG Choose a subject from the Analytics, minor or elective option
		Subject Catalogue	Major Catalogue	Program Catalogue	
January	**2026** Semester 1	CORE11-013 Collaboration for Global Change	DTSC13-300 Infrastructure for Data Analytics	DTSC13-301 Deep Learning Through Neural Networks	AMG Choose a subject from the Analytics, minor or elective option
September	**2026** Semester 2	DTSC13-302 Statistical Learning and Regression Models	DTSC13-304 Applied Data Analytics Project	AMG Choose a subject from the Analytics, minor or elective option	AMG Choose a subject from the Analytics, minor or elective option
		Subject Catalogue	Major Catalogue	Program Catalogue	
January	**2027** Semester 1	AMG Choose a subject from the Analytics, minor or elective option	AMG Choose a subject from the Analytics, minor or elective option	AMG Choose a subject from the Analytics, minor or elective option	AMG Choose a subject from the Analytics, minor or elective option
September	**2027** Semester 2	DTSC13-306 Modern Machine Learning Models	AMG Choose a subject from the Analytics, minor or elective option	AMG Choose a subject from the Analytics, minor or elective option	AMG Choose a subject from the Analytics, minor or elective option

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Version 4

May Intake

	2025 Semester 1				
	2025 Semester 2				
		Subject Catalogue	Major Catalogue	Program Catalogue	
	2026 Semester 1				
	2026 Semester 2				
		Subject Catalogue	Major Catalogue	Program Catalogue	
	2027 Semester 1				
	2027 Semester 2				

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Version 4

Sep Intake

September	**2025** Semester 1	CORE11-011 Critical Thinking and Communication	DTSC12-200 Data Science	STAT11-112 Quantitative Methods	AMG Choose a subject from the Analytics, minor or elective option
January	**2026** Semester 2	CORE11-012 Responsibility, Integrity and Civic Discourse	DTSC13-300 Infrastructure for Data Analytics	DTSC13-301 Deep Learning Through Neural Networks	ECON12-200 Linear Models and Applied Econometrics
		Subject Catalogue	Major Catalogue	Program Catalogue	
September	**2026** Semester 1	CORE11-013 Collaboration for Global Change	ACSC12-200 Mathematical Statistics	DTSC13-302 Statistical Learning and Regression Models	AMG Choose a subject from the Analytics, minor or elective option
January	**2027** Semester 2	DTSC13-304 Applied Data Analytics Project	AMG Choose a subject from the Analytics, minor or elective option	AMG Choose a subject from the Analytics, minor or elective option	AMG Choose a subject from the Analytics, minor or elective option
		Subject Catalogue	Major Catalogue	Program Catalogue	
September	**2027** Semester 1	DTSC13-306 Modern Machine Learning Models	AMG Choose a subject from the Analytics, minor or elective option	AMG Choose a subject from the Analytics, minor or elective option	AMG Choose a subject from the Analytics, minor or elective option
January	**2028** Semester 2	AMG Choose a subject from the Analytics, minor or elective option	AMG Choose a subject from the Analytics, minor or elective option	AMG Choose a subject from the Analytics, minor or elective option	AMG Choose a subject from the Analytics, minor or elective option

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. The Master of Data Analytics is delivered via smaller classes providing personalised support and unparalleled access to Bond University's Bond Fin Tech Hub and Bloomberg data-sourcing terminals. Focus within this program is on strategically sound recommendations and data-driven business decisions.

SUBJECT INFORMATION

You are registered into Beyond Bond which is a practical, activity-based program that extends across the duration of all undergraduate degrees. You are registered in the Bond Business Mentoring Program designed for all new undergraduate students; please be advised the first scheduled gathering is in the Bond Business School orientation. If you require further information please email businessmentoring@bond.edu.au

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).

Program structure and sequence plans

BN-10043		**Bachelor of Data Analytics (3 Year Program)**		**Cricos Code**	**0101007**
Version	**4**	**3**		Link to Subject Overview	
Available	**Code**	**Title**		**Assumed Knowledge**	**Requisite**
J/M/S	Required Core Subjects 30	Students must complete the following thirty credit points (30CP) of core subjects.			
J/M/S	CORE11-011	Critical Thinking and Communication			
J/M/S	CORE11-012	Responsibility, Integrity and Civic Discourse			
J/M/S	CORE11-013	Collaboration for Global Change			
J/M/S	Required Subjects 90	Students must complete the following ninety credit points (90CP) of subjects.			
M/S	ACSC12-200	Mathematical Statistics		STAT11-112	
J/S	DTSC12-200	Data Science			
J/S	DTSC13-300	Infrastructure for Data Analytics		STAT11-112	
J/M	DTSC13-301	Deep Learning Through Neural Networks		STAT11-112	DTSC12-200
M/S	DTSC13-302	Statistical Learning and Regression Models		DTSC12-200 | ECON12-200	
J/S	DTSC13-304	Applied Data Analytics Project			DTSC13-301 | DTSC13-302
S	DTSC13-306	Modern Machine Learning Models		DTSC11-100 | DTSC12-200	
J/M/S	ECON12-200	Linear Models and Applied Econometrics		STAT11-111 | STAT11-112	
J/M/S	STAT11-112	Quantitative Methods			
J/M/S	Analytics Option 4	Students must choose forty credit points (40CP) of subjects from from the Analytics option			
J/S	ACSC13-306	Stochastic Processes		ECON12-200 | STAT11-112	ACSC12-200
M/S	ACSC13-307	Survival Analysis			ACSC12-200
M/S	DTSC11-100	Business Analytics Coding			
S	DTSC11-110	Cyber and Fraud Threats in Organisations			
S	DTSC13-305	Financial Trading Systems		DTSC12-200	
	DTSC13-307	Advanced Statistical Learning Models			DTSC13-302
S	ECON13-300	Advanced Econometrics		ECON12-200	
J/M/S	Optional Required Minor	Students must complete one (1) of the following Minors (40CP).			
	ZACDA	Accounting Analytics Minor			
	ZECMA	Economic Modelling and Analysis Minor			
	ZHSAN	Health System Analytics Minor			
	ZMKAN	Marketing Analytics Minor			
	ZPYME	Psychometrics Minor			
	ZQAFI	Quantitative Finance Minor			
	ZSPAN	Sport Analytics Minor			
J/M/S	General Elective 4	Choose forty credit points (40CP) of UG subjects from across the University, provided requirements are met.			