

Program structure and sequence plan

BN-10042		Bachelor of Data Analytics	
January Intake			
Semester 1	January 2027	Assumed Knowledge	Requisites
CORE11-011	Critical Thinking and Communication		
DTSC12-200	Data Science		
STAT11-112	Quantitative Methods		
AMG	Choose a subject from the Analytics or Applied options		
Semester 2	May 2027	Assumed Knowledge	Requisites
CORE11-012	Responsibility, Integrity and Civic Discourse		
ACSC12-200	Mathematical Statistics	STAT11-112	
ECON12-200	Linear Models and Applied Econometrics	STAT11-111 STAT11-112	
AMG	Choose a subject from the Analytics or Applied options		
Semester 3	September 2027	Assumed Knowledge	Requisites
CORE11-013	Collaboration for Global Change		
DTSC13-302	Statistical Learning and Regression Models	DTSC12-200 ECON12-200	
DTSC13-306	Modern Machine Learning Models	DTSC11-100 DTSC12-200	
AMG	Choose a subject from the Analytics or Applied options		
Semester 1	January 2028	Assumed Knowledge	Requisites
DTSC13-300	Infrastructure for Data Analytics	STAT11-112	
AMG	Choose a subject from the Analytics or Applied options		
AMG	Choose a subject from the Analytics or Applied options		
AMG	Choose a subject from the Analytics or Applied options		
Semester 2	May 2028	Assumed Knowledge	Requisites
DTSC13-301	Deep Learning Through Neural Networks	STAT11-112	DTSC12-200
AMG	Choose a subject from the Analytics or Applied options		
AMG	Choose a subject from the Analytics or Applied options		
AMG	Choose a subject from the Analytics or Applied options		
Semester 3	September 2028	Assumed Knowledge	Requisites
DTSC13-304	Applied Data Analytics Project		DTSC13-302 Co-Req DTSC13-301 or DTSC13-306
AMG	Choose a subject from the Analytics or Applied options		
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BN-10042		Bachelor of Data Analytics	
May Intake			
Semester 1	May 2027	Assumed Knowledge	Requisites
CORE11-011	Critical Thinking and Communication		
STAT11-112	Quantitative Methods		
AMG	Choose a subject from the Analytics or Applied options		
AMG	Choose a subject from the Analytics or Applied options		
Semester 2	September 2027	Assumed Knowledge	Requisites
CORE11-012	Responsibility, Integrity and Civic Discourse		
ACSC12-200	Mathematical Statistics	STAT11-112	
DTSC12-200	Data Science		
ECON12-200	Linear Models and Applied Econometrics	STAT11-111 STAT11-112	
Semester 3	January 2028	Assumed Knowledge	Requisites
CORE11-013	Collaboration for Global Change		
DTSC13-300	Infrastructure for Data Analytics	STAT11-112	
AMG	Choose a subject from the Analytics or Applied options		
AMG	Choose a subject from the Analytics or Applied options		
Semester 1	May 2028	Assumed Knowledge	Requisites
DTSC13-301	Deep Learning Through Neural Networks	STAT11-112	DTSC12-200
AMG	Choose a subject from the Analytics or Applied options		
AMG	Choose a subject from the Analytics or Applied options		
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Semester 2	September 2028	Assumed Knowledge	Requisites
DTSC13-302	Statistical Learning and Regression Models	DTSC12-200 ECON12-200	
DTSC13-306	Modern Machine Learning Models	DTSC11-100 DTSC12-200	
AMG	Choose a subject from the Analytics or Applied options		
AMG	Choose a subject from the Analytics or Applied options		
Semester 3	January 2029	Assumed Knowledge	Requisites
DTSC13-304	Applied Data Analytics Project		DTSC13-302 Co-Req DTSC13-301 or DTSC13-306
AMG	Choose a subject from the Analytics or Applied options		
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BN-10042		Bachelor of Data Analytics	
September Intake			
Semester 1	September 2027	Assumed Knowledge	Requisites
CORE11-011	Critical Thinking and Communication		
DTSC12-200	Data Science		
STAT11-112	Quantitative Methods		
AMG	Choose a subject from the Analytics or Applied options		
Semester 2	January 2028	Assumed Knowledge	Requisites
CORE11-012	Responsibility, Integrity and Civic Discourse		
DTSC13-300	Infrastructure for Data Analytics	STAT11-112	
ECON12-200	Linear Models and Applied Econometrics	STAT11-111 STAT11-112	
AMG	Choose a subject from the Analytics or Applied options		
Semester 3	May 2028	Assumed Knowledge	Requisites
CORE11-013	Collaboration for Global Change		
ACSC12-200	Mathematical Statistics	STAT11-112	
DTSC13-301	Deep Learning Through Neural Networks	STAT11-112	DTSC12-200
AMG	Choose a subject from the Analytics or Applied options		
Semester 1	September 2028	Assumed Knowledge	Requisites
DTSC13-306	Modern Machine Learning Models	DTSC11-100 DTSC12-200	
DTSC13-302	Statistical Learning and Regression Models	DTSC12-200 ECON12-200	
AMG	Choose a subject from the Analytics or Applied options		
AMG	Choose a subject from the Analytics or Applied options		
Semester 2	January 2029	Assumed Knowledge	Requisites
DTSC13-304	Applied Data Analytics Project		DTSC13-302 Co-Req DTSC13-301 or DTSC13-306
AMG	Choose a subject from the Analytics or Applied options		
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Semester 3	May 2029	Assumed Knowledge	Requisites
AMG	Choose a subject from the Analytics or Applied options		
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Subjects	Structure Overview	Available Semesters	Credit Points
Core Curriculum	Students must complete three (3) subjects plus the Beyond Bond Program.		
CORE11-011	Critical Thinking and Communication	J M S	10
CORE11-012	Responsibility, Integrity and Civic Discourse	J M S	10
CORE11-013	Collaboration for Global Change	J M S	10
Required Subjects 90	Students must complete the following 90 CP of subjects.		
ACSC12-200	Mathematical Statistics	M S	10
DTSC12-200	Data Science	J S	10
DTSC13-300	Infrastructure for Data Analytics	J S	10
DTSC13-301	Deep Learning Through Neural Networks	J M	10
DTSC13-302	Statistical Learning and Regression Models	M S	10
DTSC13-304	Applied Data Analytics Project	J S	10
DTSC13-306	Modern Machine Learning Models	S	10
ECON12-200	Linear Models and Applied Econometrics	J M S	10
STAT11-112	Quantitative Methods	J M S	10
Analytics Option 4	Students must choose forty credit points (40CP) of subjects from from the Analytics option		
ACSC13-306	Stochastic Processes	J S	10
ACSC13-307	Survival Analysis	M S	10
DTSC11-100	Business Analytics Coding	J S	10
DTSC11-110	Cyber and Fraud Threats in Organisations	S	10
DTSC13-305	Financial Trading Systems	S	10
DTSC13-307	Advanced Statistical Learning Models	S	10
ECON13-300	Advanced Econometrics	S	10
Optional Required Minor			
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		
ZSUST	Sustainability Minor		
ZSPAN	Sport Analytics Minor		
General Elective 40	Students must choose forty credit points (40CP) of undergraduate subjects from across the University.		
Available J M S	Program Overview	Cricos 0101005	Version 1
The Bachelor of Data Analytics comprises 30 credit points of Core Curriculum Subjects, 90 credit points of Required Subjects, and 120 credit points of Analytics and Applied Options, totalling 240 credit points over six semesters. The program develops advanced capabilities in data analytics, statistics, machine learning, data science, computing, large databases, and quantitative decision-making, preparing graduates for careers as data analysts, data scientists, analytics consultants, and business intelligence professionals.			
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).			
Additional Notes			
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			