Program structure and sequence plan

BB-11050	Bachelor of Data Analytics/Bachelor of Enterprise Artificial Intelligence		
January Intake			
Semester 1	**January 2027**	**Assumed Knowledge**	**Requisites**
CORE11-011	Critical Thinking and Communication		
ENAI11-100	Thinking with AI		
STAT11-112	Quantitative Methods		
Analytics Option	Choose a subject from the Analytics option		
Semester 2	**May 2027**	**Assumed Knowledge**	**Requisites**
CORE11-012	Responsibility, Integrity and Civic Discourse		
ENAI12-202	Data Management		
BUSN12-200	Responsible and Sustainable Organisations		
ACSC12-200	Mathematical Statistics	STAT11-112	
Semester 3	**September 2027**	**Assumed Knowledge**	**Requisites**
CORE11-013	Collaboration for Global Change		
Analytics Option	Choose a subject from the Analytics option		
Enterprise AI Option	Choose a subject from the Enterprise AI Option		
Innovation Option	Choose a subject from the Innovation Option		
Semester 4	**January 2028**	**Assumed Knowledge**	**Requisites**
DTSC12-200	Data Science		
ENAI11-101	Cybersecurity, Networks and Operating Systems	ENAI11-100	
ENAI11-102	Algorithms and Data Structures with AI-Assisted Implementation	ENAI11-100	
Enterprise AI Option	Choose a subject from the Enterprise AI Option		
Semester 5	**May 2028**	**Assumed Knowledge**	**Requisites**
DTSC13-301	Deep Learning Through Neural Networks	STAT11-112	DTSC12-200
DTSC13-302	Statistical Learning and Regression Models	DTSC12-200 | ECON12-200	
ENAI12-200	Programming Paradigms and AI Principles	ENAI11-100	
ECON12-200	Linear Models and Applied Econometrics	STAT11-111 | STAT11-112	
Semester 6	**September 2028**	**Assumed Knowledge**	**Requisites**
DTSC13-306	Modern Machine Learning Models	DTSC11-100 | DTSC12-200	
ENAI13-301	Software Design, Maintenance and AI integration	ENAI11-100 | ENAI11-102	
ENAI13-304	Applied Enterprise AI Project		ENAI12-200 | ENAI12-202 | Co-Req ENAI13-301
Analytics Option	Choose a subject from the Analytics option		
Semester 7	**January 2029**	**Assumed Knowledge**	**Requisites**
DTSC13-300	Infrastructure for Data Analytics	STAT11-112	
DTSC13-304	Applied Data Analytics Project		DTSC13-302 | Co-Req DTSC13-301 or DTSC13-306
Analytics Minor	Choose a subject from the Analytics Minor		
Analytics Minor	Choose a subject from the Analytics Minor		
Semester 8	**May 2029**	**Assumed Knowledge**	**Requisites**
Analytics Minor	Choose a subject from the Analytics Minor		
Analytics Minor	Choose a subject from the Analytics Minor		
Analytics Minor	Choose a subject from the Analytics Minor		
General Elective UG	Choose any UG subject on offer provided faculty requirements are met.		

Program structure and sequence plan

BB-11050	Bachelor of Data Analytics/Bachelor of Enterprise Artificial Intelligence		
September Intake			
Semester 1	**September 2027**	**Assumed Knowledge**	**Requisites**
CORE11-011	Critical Thinking and Communication		
ENAI11-100	Thinking with AI		
STAT11-112	Quantitative Methods		
Analytics Option	Choose a subject from the Analytics option		
Semester 2	**January 2028**	**Assumed Knowledge**	**Requisites**
CORE11-012	Responsibility, Integrity and Civic Discourse		
DTSC12-200	Data Science		
ENAI11-101	Cybersecurity, Networks and Operating Systems	ENAI11-100	
ENAI11-102	Algorithms and Data Structures with AI-Assisted Implementation	ENAI11-100	
Semester 3	**May 2028**	**Assumed Knowledge**	**Requisites**
CORE11-013	Collaboration for Global Change		
ACSC12-200	Mathematical Statistics	STAT11-112	
BUSN12-200	Responsible and Sustainable Organisations		
ENAI12-202	Data Management		
Semester 4	**September 2028**	**Assumed Knowledge**	**Requisites**
DTSC13-302	Statistical Learning and Regression Models	DTSC12-200 | ECON12-200	
Analytics Option	Choose a subject from the Analytics option		
Enterprise AI Option	Choose a subject from the Enterprise AI Option		
Innovation Option	Choose a subject from the Innovation Option		
Semester 5	**January 2029**	**Assumed Knowledge**	**Requisites**
DTSC13-301	Deep Learning Through Neural Networks	STAT11-112	DTSC12-200
DTSC13-300	Infrastructure for Data Analytics	STAT11-112	
ECON12-200	Linear Models and Applied Econometrics	STAT11-111 | STAT11-112	
Enterprise AI Option	Choose a subject from the Enterprise AI Option		
Semester 6	**May 2029**	**Assumed Knowledge**	**Requisites**
ENAI12-200	Programming Paradigms and AI Principles	ENAI11-100	
Analytics Minor	Choose a subject from the Analytics Minor		
Analytics Minor	Choose a subject from the Analytics Minor		
Analytics Minor	Choose a subject from the Analytics Minor		
Semester 7	**September 2029**	**Assumed Knowledge**	**Requisites**
DTSC13-306	Modern Machine Learning Models	DTSC11-100 | DTSC12-200	
ENAI13-301	Software Design, Maintenance and AI integration	ENAI11-100 | ENAI11-102	
ENAI13-304	Applied Enterprise AI Project		ENAI12-200 | ENAI12-202 | Co-Req ENAI13-301
Analytics Option	Choose a subject from the Analytics option		
Semester 8	**January 2030**	**Assumed Knowledge**	**Requisites**
DTSC13-304	Applied Data Analytics Project		DTSC13-302 | Co-Req DTSC13-301 or DTSC13-306
Analytics Option	Choose a subject from the Analytics option		
Analytics Minor	Choose a subject from the Analytics Minor		
General Elective UG	Choose any UG subject on offer provided faculty requirements are met.		

Program structure and sequence plan

Subjects	Structure Overview	Available Semesters	Credit Points
Core Curriculum 30	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 160	Students must complete the following 160 CP of subjects.		
ACSC12-200	Mathematical Statistics	M | S	10
BUSN12-200	Responsible and Sustainable Organisations	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	JM	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
ENAI11-100	Thinking with AI	J | S	10
ENAI11-101	Cybersecurity, Networks and Operating Systems	J	10
ENAI11-102	Algorithms and Data Structures with AI-Assisted Implementation	J	10
ENAI12-200	Programming Paradigms and AI Principles	M	10
ENAI12-202	Data Management	M	10
ENAI13-301	Software Design, Maintenance and AI integration	S	10
ENAI13-304	Applied Enterprise AI Project	J | S	10
STAT11-112	Quantitative Methods	J | M | S	10
Analytics Option	Choose a subject 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
Innovation Option	Choose a subject from the Innovation Option		
ENFB11-101	Everyday Entrepreneurship	S	10
MGMT13-311	Leading Innovation and Change	M | S	10
Enterprise AI Option	Choose a subject from the Enterprise AI Option		
ECON13-301	Game Theory and Strategic Decision Making	J	10
ENAI11-111	AI for Business Professionals	J | S	10
FINC12-201	Financial Applications and Analysis	J | M | S	10
LAWS10-210	Enterprise Law	J | M | S	10
MKTG13-315	Marketing Analytics	M | S	10
General Elective 20	Students must choose twenty credit points (20CP) of undergraduate subjects from across the University.		

Program structure and sequence plan

Available J | S	Program Overview	Cricos 121709A	Version 1

The Bachelor of Data Analytics/Bachelor of Enterprise Artificial Intelligence (BB-11060) comprises 30 credit points of Core Curriculum Subjects, 170 credit points of Required Subjects, 40 credit points of Analytics Options, 20 credit points of Enterprise AI Options, 10 credit points of Innovation Options, 40 credit points from an Analytics Minor, and 10 credit points of General Electives, totalling 320 credit points over eight semesters. The program combines advanced study in data analytics and enterprise artificial intelligence, developing capabilities in machine learning, data science, statistical modelling, econometrics, programming, data management, software engineering, cybersecurity, artificial intelligence, and business decision-making. Students learn to analyse complex business problems using data analytics and AI techniques, design AI-enabled solutions, manage enterprise data systems, and apply modern computing technologies within organisational settings.

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