# Program structure and sequence plans



BN-1002	9	Bachelor of Actuaria	al Science		
Version Cricos	9 083205M	With Finance and Data Analytics Majors	Link to Prog	Jan Intake	
January	2024 Semester 1	CORE11-011 Critical Thinking and Communication	ACCT11-100 Accounting Principles	ECON11-100 Principles of Economics	STAT11-112 Quantitative Methods
May	2024 Semester 2	CORE11-012 Responsibility, Integrity and Civic Discourse	ACSC12-200 Mathematical Statistics	ECON12-200 Linear Models and Applied Econometrics	FINC11-101 Fundamentals of Finance
September	2024 Semester 3	CORE11-013 Collaboration for Global Change	ACSC13-306 Stochastic Processes	ECON12-202 Macroeconomics	FINC13-304 Financial Institutions and Risk Management
		Subject Catalogue	Major Catalogue	Program Catalogue	Į.
January	2025 Semester 1	ACSC12-201 Financial Mathematics	DTSC12-200 Data Science	FINC13-301 Advanced Corporate Finance	FINC13-303 Portfolio Analysis and Investments
May	2025 Semester 2	ACSC13-301 Contingencies	ACSC13-307 Survival Analysis	DTSC13-301 Deep Learning Through Neural Networks	DTSC13-302 Statistical Learning and Regression Models
September	2025 Semester 3	ACSC13-305 Actuarial and Financial Models	DTSC13-304 Applied Data Analytics Project	DTSC13-306 Modern Machine Learning Models	FINC13-307 International Finance
		Subject Catalogue	<u>Major Catalogue</u>	Program Catalogue	•
BN-1002	9	<b>Bachelor of Actuaria</b>	al Science		
Version	9	With Finance and Data	Analytics Majors		May Intake
May	2024 Semester 2	CORE11-011 Critical Thinking and Communication	ACCT11-100 Accounting Principles	ECON11-100 Principles of Economics	STAT11-112 Quantitative Methods
September	2024 Semester 3	CORE11-012 Responsibility, Integrity and Civic Discourse	ACSC12-200 Mathematical Statistics	ECON12-200 Linear Models and Applied Econometrics	FINC11-101 Fundamentals of Finance
January	2025 Semester 3	CORE11-013 Collaboration for Global Change	ACSC12-201 Financial Mathematics	ACSC13-306 Stochastic Processes	DTSC12-200 Data Science
		Subject Catalogue	<u>Major Catalogue</u>	<u>Program Catalogue</u>	
May	2025 Semester 1	ACSC13-301 Contingencies	ACSC13-307 Survival Analysis	DTSC13-301 Deep Learning Through Neural Networks	DTSC13-302 Statistical Learning and Regression Models
September	2025 Semester 2	FINC13-301 Advanced Corporate Finance	DTSC13-304 Applied Data Analytics Project	DTSC13-306 Modern Machine Learning Models	FINC13-304 Financial Institutions and Risk Management
January	2026 Semester 3	ACSC13-305 Actuarial and Financial Models	ECON12-202 Macroeconomics	FINC13-303 Portfolio Analysis and Investments	FINC13-307 International Finance
		Subject Catalogue	Major Catalogue	Program Catalogue	

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# Program structure and sequence plans



BN-10029		Bachelor of Actuarial Science				
Version	9	With Finance and Data Analytics Majors			Sep Intake	
	2024	CORE11-011	ACCT11-100	ECON11-100	STAT11-112	
September	Semester 2	Critical Thinking and Communication	Accounting Principles	Principles of Economics	Quantitative Methods	
	2025	CORE11-012	ECON12-200	FINC11-101	DTSC12-200	
January	Semester 3	Responsibility, Integrity and Civic Discourse	Linear Models and Applied Econometrics	Fundamentals of Finance	Data Science	
	2025	CORE11-013	ACSC12-200	ACSC12-201	FINC13-304	
May	Semester 3	Collaboration for Global Change	Mathematical Statistics	Financial Mathematics	Financial Institutions and Risk Management	
		Subject Catalogue	Major Catalogue	Program Catalogue		
	2025	ACSC13-306	FINC13-301	DTSC13-306	DTSC13-302	
September	Semester 1	Stochastic Processes	Advanced Corporate Finance	Modern Machine Learning Models	Statistical Learning and Regression Models	
	2026	ACSC13-301	ACSC13-305	DTSC13-304	FINC13-307	
January	Semester 2	Contingencies	Actuarial and Financial Models	Applied Data Analytics Project	International Finance	
	2026	ACSC13-307	ECON12-202	FINC13-303	DTSC13-301	
May	Semester 3	Survival Analysis	Macroeconomics	Portfolio Analysis and Investments	Deep Learning Through Neural Networks	
Subject Catalogue Major Catalogue Program Catalogue						

#### **PROGRAM 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

## **SUBJECT INFORMATION**

New students from semester 233 (September 2023) will enrol in the new CORE subject codes - CORE11-011 (CORE11-001) - CORE11-012 (CORE11-003) - CORE11-013

### **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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# Program structure and sequence plans



BN-10029		Bachelor of Actuarial Science	Cricos Code	083205M
Version	9 With Finance and Data Analytics Majors		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 140	Students must complete the following one hundred and forty credit points (140CP) of subjects.		
J/M/S	ACCT11-100	Accounting Principles		
M/S	ACSC12-200	Mathematical Statistics	STAT11-112	
J/M	ACSC12-201	Financial Mathematics	STAT11-112	
J/M	ACSC13-301	Contingencies		ACSC12-201
J/S	ACSC13-305	Actuarial and Financial Models		ACSC12-200_Pre/Co-Requisite
J/S	ACSC13-306	Stochastic Processes	ECON12-200   STAT11-112	ACSC12-200
M/S	ACSC13-307	Survival Analysis		ACSC12-200
J/M/S	ECON11-100	Principles of Economics		
J/M/S	ECON12-200	Linear Models and Applied Econometrics	STAT11-111 or STAT11-112	
J/M/S	ECON12-202	Macroeconomics	ECON11-100	
J/M/S	FINC11-101	Fundamentals of Finance		
J/S	FINC13-301	Advanced Corporate Finance	FINC11-101	
J/M	FINC13-303	Portfolio Analysis and Investments	FINC11-101 or STAT11-112	
J/M/S	STAT11-112 FINC & DTSC Majors	Quantitative Methods Students must take the following subjects to complete both majors		
J/S	DTSC12-200	Data Science		
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	
M/S	FINC13-304	Financial Institutions and Risk Management	FINC11-101	
J/S	FINC13-307	International Finance	FINC11-101	

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