Program structure and sequence plan

BN-10029	Bachelor of Actuarial Science		
	January Intake	With Finance and Data Analytics Majors	
Semester 1	**January 2027**	**Assumed Knowledge**	**Requisites**
CORE11-011	Critical Thinking and Communication		
ACCT11-100	Accounting Principles		
ECON11-100	Principles of Economics		
STAT11-112	Quantitative Methods		
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	
FINC11-101	Fundamentals of Finance	ACCT11-100 | ECON11-100 | STAT11-111 | STAT11-112	
Semester 3	**September 2027**	**Assumed Knowledge**	**Requisites**
CORE11-013	Collaboration for Global Change		
ACSC13-306	Stochastic Processes	ECON12-200 | STAT11-112	ACSC12-200
ECON12-202	Macroeconomics	ECON11-100	
FINC13-304	Financial Institutions and Risk Management	FINC11-101	
Semester 1	**January 2028**	**Assumed Knowledge**	**Requisites**
ACSC12-201	Financial Mathematics	STAT11-112	
FINC13-301	Advanced Corporate Finance	FINC11-101	
FINC13-303	Portfolio Analysis and Investments	FINC11-101 | FINC12-200 | STAT11-112	
DTSC12-200	Data Science		
Semester 2	**May 2028**	**Assumed Knowledge**	**Requisites**
ACSC13-301	Contingencies		ACSC12-201
ACSC13-307	Survival Analysis		ACSC12-200
DTSC13-302	Statistical Learning and Regression Models	DTSC12-200 | ECON12-200	
Data Analytics Option			
Semester 3	**September 2028**	**Assumed Knowledge**	**Requisites**
ACSC13-305	Actuarial and Financial Models		ACSC12-201
DTSC13-304	Applied Data Analytics Project		DTSC13-302 | Co-Req DTSC13-301 or DTSC13-306
FINC13-307	International Finance	FINC11-101	
Data Analytics Option			

Program structure and sequence plan

BN-10029	Bachelor of Actuarial Science		
	May Intake	With Finance and Data Analytics Majors	
Semester 1	**May 2027**	**Assumed Knowledge**	**Requisites**
CORE11-011	Critical Thinking and Communication		
ACCT11-100	Accounting Principles		
ECON11-100	Principles of Economics		
STAT11-112	Quantitative Methods		
Semester 2	**September 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	
FINC11-101	Fundamentals of Finance	ACCT11-100 | ECON11-100 | STAT11-111 | STAT11-112	
Semester 3	**January 2028**	**Assumed Knowledge**	**Requisites**
CORE11-013	Collaboration for Global Change		
ACSC12-201	Financial Mathematics	STAT11-112	
ACSC13-306	Stochastic Processes	ECON12-200 | STAT11-112	ACSC12-200
DTSC12-200	Data Science		
Semester 1	**May 2028**	**Assumed Knowledge**	**Requisites**
ACSC13-301	Contingencies		ACSC12-201
ACSC13-307	Survival Analysis		ACSC12-200
DTSC13-302	Statistical Learning and Regression Models	DTSC12-200 | ECON12-200	
Data Analytics Option			
Semester 2	**September 2028**	**Assumed Knowledge**	**Requisites**
FINC13-301	Advanced Corporate Finance	FINC11-101	
FINC13-304	Financial Institutions and Risk Management	FINC11-101	
DTSC13-304	Applied Data Analytics Project		DTSC13-302 | Co-Req DTSC13-301 or DTSC13-306
Data Analytics Option			
Semester 3	**January 2029**	**Assumed Knowledge**	**Requisites**
ACSC13-305	Actuarial and Financial Models		ACSC12-201
ECON12-202	Macroeconomics	ECON11-100	
FINC13-303	Portfolio Analysis and Investments	FINC11-101 | FINC12-200 | STAT11-112	
FINC13-307	International Finance	FINC11-101	

Program structure and sequence plan

BN-10029	Bachelor of Actuarial Science		
	September Intake	With Finance and Data Analytics Majors	
Semester 1	**September 2027**	**Assumed Knowledge**	**Requisites**
CORE11-011	Critical Thinking and Communication		
ACCT11-100	Accounting Principles		
ECON11-100	Principles of Economics		
STAT11-112	Quantitative Methods		
Semester 2	**January 2028**	**Assumed Knowledge**	**Requisites**
CORE11-012	Responsibility, Integrity and Civic Discourse		
ECON12-200	Linear Models and Applied Econometrics	STAT11-111 | STAT11-112	
FINC11-101	Fundamentals of Finance	ACCT11-100 | ECON11-100 | STAT11-111 | STAT11-112	
DTSC12-200	Data Science		
Semester 3	**May 2028**	**Assumed Knowledge**	**Requisites**
CORE11-013	Collaboration for Global Change		
ACSC12-200	Mathematical Statistics	STAT11-112	
ACSC12-201	Financial Mathematics	STAT11-112	
Data Analytics Option			
Semester 1	**September 2028**	**Assumed Knowledge**	**Requisites**
ACSC13-306	Stochastic Processes	ECON12-200 | STAT11-112	ACSC12-200
FINC13-301	Advanced Corporate Finance	FINC11-101	
DTSC13-302	Statistical Learning and Regression Models	DTSC12-200 | ECON12-200	
Data Analytics Option			
Semester 2	**January 2029**	**Assumed Knowledge**	**Requisites**
ACSC13-301	Contingencies		ACSC12-201
ACSC13-305	Actuarial and Financial Models		ACSC12-201
DTSC13-304	Applied Data Analytics Project		DTSC13-302 | Co-Req DTSC13-301 or DTSC13-306
FINC13-307	International Finance	FINC11-101	
Semester 3	**May 2029**	**Assumed Knowledge**	**Requisites**
ACSC13-307	Survival Analysis		ACSC12-200
ECON12-202	Macroeconomics	ECON11-100	
FINC13-303	Portfolio Analysis and Investments	FINC11-101 | FINC12-200 | STAT11-112	
FINC13-304	Financial Institutions and Risk Management	FINC11-101	

Program structure and sequence plan

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 140	Students must complete the following 140 CP of subjects.		
ACCT11-100	Accounting Principles	J | M | S	10
ACSC12-200	Mathematical Statistics	M | S	10
ACSC12-201	Financial Mathematics	J | M	10
ACSC13-301	Contingencies	J | M	10
ACSC13-305	Actuarial and Financial Models	J | S	10
ACSC13-306	Stochastic Processes	J | S	10
ACSC13-307	Survival Analysis	M | S	10
ECON11-100	Principles of Economics	J | M | S	10
ECON12-200	Linear Models and Applied Econometrics	J | M | S	10
ECON12-202	Macroeconomics	J | M | S	10
FINC11-101	Fundamentals of Finance	J | M | S	10
FINC13-301	Advanced Corporate Finance	J | S	10
FINC13-303	Portfolio Analysis and Investments	J | M	10
STAT11-112	Quantitative Methods	J | M | S	10
FINC & DTSC Majors	Students must take the following subjects to complete both majors		
DTSC12-200	Data Science	J | S	10
DTSC13-302	Statistical Learning and Regression Models	M | S	10
DTSC13-304	Applied Data Analytics Project	J | S	10
FINC13-304	Financial Institutions and Risk Management	M | S	10
FINC13-307	International Finance	J | S	10
Data Analytics Option			
DTSC11-110	Cyber and Fraud Threats in Organisations	S	10
DTSC13-300	Infrastructure for Data Analytics	J | S	10
DTSC13-301	Deep Learning Through Neural Networks	JM	10
DTSC13-305	Financial Trading Systems	S	10
DTSC13-306	Modern Machine Learning Models	S	10
ECON13-300	Advanced Econometrics	S	10

Available J | M | S	Program Overview	Cricos 083205M	Version 9

The Bachelor of Actuarial Science comprises 30 credit points of Core Curriculum Subjects, 140 credit points of Required Subjects, and 70 credit points of General Electives, totalling 240 credit points over six semesters. The program develops advanced capabilities in actuarial science, statistics, economics, finance, risk modelling, and business analytics, preparing graduates for careers in actuarial practice, insurance, superannuation, investment analysis, risk management, and financial services.

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