# Program structure and sequence plans



BN-13144		Master of Actuaria	al Science		
Version 2			Link to Program Overview		!
Cricos	108628M		Link to Prog	Jan Intake	
	2025	ACCT71-100	ACSC71-201	ECON71-100	
January	Semester 1	Accounting Principles	Financial Mathematics	Principles of Economics	
	2025	ACSC71-200	ECON71-202	ECON71-200	
May	Semester 2	Mathematical Statistics	Macroeconomics	Linear Models and Applied Econometrics	
	2025	ACSC71-306	ACSC71-307	FINC71-301	
September	Semester 3	Stochastic Processes	Survival Analysis	Advanced Corporate Finance	
		Subject Catalogue	Major Catalogue	Program Catalogue	
	2026	ACSC71-301	ACSC71-305	FINC71-303	
January	Semester 1	Contingencies	Actuarial and Financial Models	Portfolio Analysis and Investments	
BN-13144		Master of Actuaria	al Science		
/ersion	2				May Intake
	2025	ACCT71-100	ACSC71-200	ECON71-100	
May	Semester 2	Accounting Principles	Mathematical Statistics	Principles of Economics	
	2025	ACSC71-306	ECON71-200	ECON71-202	
September	Semester 3	Stochastic Processes	Linear Models and Applied Econometrics	Macroeconomics	
	2026	ACSC71-201	ACSC71-305	FINC71-301	
January	Semester 3	Financial Mathematics	Actuarial and Financial Models	Advanced Corporate Finance	
		Subject Catalogue	Major Catalogue	<u>Program Catalogue</u>	
	2026	ACSC71-301	ACSC71-307	FINC71-303	
May	Semester 1	Contingencies	Survival Analysis	Portfolio Analysis and Investments	

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BN-13144		Master of Actuarial S	Science		
Version	2				Sep Intake
	2026	ACCT71-100	ACSC71-200	ECON71-200	
September	Semester 1	Accounting Principles	Mathematical Statistics	Linear Models and Applied Econometrics	
	2027	ACSC71-201	ACSC71-306	ECON71-100	
January	Semester 2	Financial Mathematics	Stochastic Processes	Principles of Economics	
	2027	ACSC71-301	ACSC71-307	FINC71-303	
May	Semester 3	Contingencies	Survival Analysis	Portfolio Analysis and Investments	
		Subject Catalogue	Major Catalogue	<u>Program Catalogue</u>	
	2027	ACSC71-305	FINC71-301	ECON71-202	
September	Semester 1	Actuarial and Financial Models	Advanced Corporate Finance	Macroeconomics	

#### **PROGRAM INFORMATION**

Accredited by the Actuaries Institute, the Master of Actuarial Science is an innovative and immersive program that combines elements of economics, finance, statistics, data analytics and advanced mathematics to develop techniques for the management of risk and business decision making. The Master of Actuarial Science will be taught via smaller classes for personalised attention and unparalleled access to Bond University's Bond FinTech Hub and Bloomberg data-sourcing terminals. The program will develop skills in the challenge of crunching 'big data' numbers to create practical solutions for real-world problems. Employment opportunities include working as an investment analyst, portfolio manager, actuarial consultant, insurance actuary, superannuation actuary, risk analyst, big data analyst, liability manager and high-level manager. The successful completion of the program at an appropriate level of performance will lead to Part I qualification with the Actuaries Institute

### **SUBJECT INFORMATION**

### **ASSUMED KNOWLEDGE**

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).

#### **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-13144		Master of Actuarial Science	Cricos Code	108628M	
Version	2		Link to Subject Overview		
Available	Code	Title	Assumed Knowledge	Requisite	
J/M/S	Required Subjects 120	Students must complete the following one hundred and twenty credit points (120CP) of subjects.			
J/M/S	ACCT71-100	Accounting Principles			
M/S	ACSC71-200	Mathematical Statistics			
J/M	ACSC71-201	Financial Mathematics			
J/M	ACSC71-301	Contingencies		ACSC71-201	
J/S	ACSC71-305	Actuarial and Financial Models		ACSC71-201	
J/S	ACSC71-306	Stochastic Processes	ECON71-200   STAT71-112	ACSC71-200	
M/S	ACSC71-307	Survival Analysis		ACSC71-200	
J/M	ECON71-100	Principles of Economics			
J/M/S	ECON71-200	Linear Models and Applied Econometrics			
J/M/S	ECON71-202	Macroeconomics			
J/S	FINC71-301	Advanced Corporate Finance	FINC11-101   FINC12-200   FINC71-101		
J/M	FINC71-303	Portfolio Analysis and Investments	FINC11-101   FINC71-101   STAT11-112   STAT71-112		

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