

Program structure and sequence plan

BN-13145 Master of Actuarial Science (Specialisation)			
January Intake			
Semester 1	January 2027	Assumed Knowledge	Requisites
ACCT71-100	Accounting Principles		
ACSC71-201	Financial Mathematics		
ECON71-100	Principles of Economics		
Semester 2	May 2027	Assumed Knowledge	Requisites
ACSC71-200	Mathematical Statistics		
ACSC71-301	Contingencies		ACSC71-201
ECON71-200	Linear Models and Applied Econometrics		
Semester 3	September 2027	Assumed Knowledge	Requisites
ACSC71-306	Stochastic Processes	ECON71-200 STAT71-112	ACSC71-200
ACSC71-307	Survival Analysis		ACSC71-200
FINC71-301	Advanced Corporate Finance	FINC71-101	
Semester 1	January 2028	Assumed Knowledge	Requisites
ECON71-202	Macroeconomics		
ACSC71-305	Actuarial and Financial Models		ACSC71-201
FINC71-303	Portfolio Analysis and Investments	FINC71-101 STAT71-112	
Semester 2	May 2028	Assumed Knowledge	Requisites
General Elective PG	Choose any UG subject on offer provided faculty requirements are met.		
Specialisation	Students must complete one (1) of the following Specialisations (40CP).		
Specialisation	Students must complete one (1) of the following Specialisations (40CP).		
Semester 3	September 2028	Assumed Knowledge	Requisites
General Elective PG	Choose any UG subject on offer provided faculty requirements are met.		
Specialisation	Students must complete one (1) of the following Specialisations (40CP).		
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BN-13145 Master of Actuarial Science (Specialisation)			
May Intake			
Semester 1	May 2027	Assumed Knowledge	Requisites
ACCT71-100	Accounting Principles		
ACSC71-200	Mathematical Statistics		
ECON71-100	Principles of Economics		
Semester 2	September 2027	Assumed Knowledge	Requisites
ACSC71-306	Stochastic Processes	ECON71-200 STAT71-112	ACSC71-200
ECON71-200	Linear Models and Applied Econometrics		
ECON71-202	Macroeconomics		
Semester 3	January 2028	Assumed Knowledge	Requisites
ACSC71-201	Financial Mathematics		
ACSC71-305	Actuarial and Financial Models		ACSC71-201
FINC71-301	Advanced Corporate Finance	FINC71-101	
Semester 1	May 2028	Assumed Knowledge	Requisites
ACSC71-301	Contingencies		ACSC71-201
ACSC71-307	Survival Analysis		ACSC71-200
FINC71-303	Portfolio Analysis and Investments	FINC71-101 STAT71-112	
Semester 2	September 2028	Assumed Knowledge	Requisites
General Elective PG	Choose any UG subject on offer provided faculty requirements are met.		
Specialisation	Students must complete one (1) of the following Specialisations (40CP).		
Specialisation	Students must complete one (1) of the following Specialisations (40CP).		
Semester 3	January 2029	Assumed Knowledge	Requisites
General Elective PG	Choose any UG subject on offer provided faculty requirements are met.		
Specialisation	Students must complete one (1) of the following Specialisations (40CP).		
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BN-13145		Master of Actuarial Science (Specialisation)	
September Intake			
Semester 1	September 2027	Assumed Knowledge	Requisites
ACCT71-100	Accounting Principles		
ACSC71-200	Mathematical Statistics		
ECON71-200	Linear Models and Applied Econometrics		
Semester 2	January 2028	Assumed Knowledge	Requisites
ACSC71-201	Financial Mathematics		
ACSC71-306	Stochastic Processes	ECON71-200 STAT71-112	ACSC71-200
ECON71-100	Principles of Economics		
Semester 3	May 2028	Assumed Knowledge	Requisites
ACSC71-301	Contingencies		ACSC71-201
ACSC71-307	Survival Analysis		ACSC71-200
FINC71-303	Portfolio Analysis and Investments	FINC71-101 STAT71-112	
Semester 1	September 2028	Assumed Knowledge	Requisites
ACSC71-305	Actuarial and Financial Models		ACSC71-201
FINC71-301	Advanced Corporate Finance	FINC71-101	
ECON71-202	Macroeconomics		
Semester 2	January 2029	Assumed Knowledge	Requisites
General Elective PG	Choose any UG subject on offer provided faculty requirements are met.		
Specialisation	Students must complete one (1) of the following Specialisations (40CP).		
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Semester 3	May 2029	Assumed Knowledge	Requisites
General Elective PG	Choose any UG subject on offer provided faculty requirements are met.		
Specialisation	Students must complete one (1) of the following Specialisations (40CP).		
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Subjects		Structure Overview		Available Semesters	Credit Points
Required Subjects 40	Students must complete the following 40 CP of subjects.				
ACCT71-100	Accounting Principles		J M S	10	
ACSC71-200	Mathematical Statistics		M S	10	
ACSC71-201	Financial Mathematics		J M	10	
ACSC71-301	Contingencies		J M	10	
ACSC71-305	Actuarial and Financial Models		J S	10	
ACSC71-306	Stochastic Processes		J S	10	
ACSC71-307	Survival Analysis		M S	10	
ECON71-100	Principles of Economics		J M	10	
ECON71-200	Linear Models and Applied Econometrics		J M S	10	
ECON71-202	Macroeconomics		J M S	10	
FINC71-301	Advanced Corporate Finance		J S	10	
FINC71-303	Portfolio Analysis and Investments		J M	10	
Specialisation	Students must complete one (1) of the following Specialisations (40CP).				
SRC-467	Data Analytics Specialisation (Specialisation)				
SRC-470	Finance Specialisation (Specialisation)				
SRC-471	Marketing Specialisation (Specialisation)				
SRC-472	International Business Specialisation (Specialisation)				
SRC-479	Tourism and Hotel Management Specialisation (Specialisation)				
SRC-512	Health Management Specialisation				
General Elective PG 20	Students must choose twenty credit points (20CP) of postgraduate subjects from across the University, provided requirements are met.				
Available J M S	Program Overview			Cricos 108629K	Version 2
The Master of Actuarial Science (Specialisation) program comprises 120 credit points of Required Subjects, 40 credit points from a Specialisation (Data Analytics, Finance, Marketing, International Business, Tourism and Hotel Management, or Health Management), and 20 credit points of Postgraduate General Electives, totalling 180 credit points across six semesters. The program integrates advanced study in actuarial science, economics, finance, statistics, and risk management with a disciplinary specialisation, developing expertise in mathematical modelling, survival analysis, financial mathematics, econometrics, and business decision-making. The program is accredited by the Actuaries Institute and prepares graduates for professional actuarial, analytical, and leadership careers.					
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					
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					