

Program structure and sequence plan

BN-13146 Master of Actuarial Practice			
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
ECON71-202	Macroeconomics		
Semester 1	January 2028	Assumed Knowledge	Requisites
ACSC71-305	Actuarial and Financial Models		ACSC71-201
DTSC71-200	Data Science		
ACSC71-400	Actuarial Control Cycle 1		ACSC71-301 ACSC71-306
Semester 2	May 2028	Assumed Knowledge	Requisites
ACSC71-401	Actuarial Control Cycle 2	ACSC71-301	
FINC71-303	Portfolio Analysis and Investments	FINC71-101 STAT71-112	
General Elective PG	Choose any UG subject on offer provided faculty requirements are met.		
Semester 3	September 2028	Assumed Knowledge	Requisites
DTSC71-302	Statistical Learning and Regression Models	DTSC71-200 ECON71-200	
FINC71-301	Advanced Corporate Finance	FINC71-101	
General Elective PG	Choose any UG subject on offer provided faculty requirements are met.		
BN-13146 Master of Actuarial Practice			
May Intake			
Semester 1	May 2027	Assumed Knowledge	Requisites
ACCT71-100	Accounting Principles		
ACSC71-201	Financial Mathematics		
ECON71-100	Principles of Economics		
Semester 2	September 2027	Assumed Knowledge	Requisites
ACSC71-200	Mathematical Statistics		
DTSC71-200	Data Science		
ECON71-200	Linear Models and Applied Econometrics		
Semester 3	January 2028	Assumed Knowledge	Requisites
ACSC71-301	Contingencies		ACSC71-201
ACSC71-305	Actuarial and Financial Models		ACSC71-201
ACSC71-306	Stochastic Processes	ECON71-200 STAT71-112	ACSC71-200
Semester 1	May 2028	Assumed Knowledge	Requisites
ACSC71-307	Survival Analysis		ACSC71-200
ECON71-202	Macroeconomics		
General Elective PG	Choose any UG subject on offer provided faculty requirements are met.		
Semester 2	September 2028	Assumed Knowledge	Requisites
ACSC71-400	Actuarial Control Cycle 1		ACSC71-301 ACSC71-306
FINC71-301	Advanced Corporate Finance	FINC71-101	
DTSC71-302	Statistical Learning and Regression Models	DTSC71-200 ECON71-200	
Semester 3	January 2029	Assumed Knowledge	Requisites
ACSC71-401	Actuarial Control Cycle 2	ACSC71-301	
FINC71-303	Portfolio Analysis and Investments	FINC71-101 STAT71-112	
General Elective PG	Choose any UG subject on offer provided faculty requirements are met.		

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BN-13146		Master of Actuarial Practice	
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
ECON71-202	Macroeconomics		
Semester 1	September 2028	Assumed Knowledge	Requisites
ACSC71-305	Actuarial and Financial Models		ACSC71-201
FINC71-301	Advanced Corporate Finance	FINC71-101	
DTSC71-200	Data Science		
Semester 2	January 2029	Assumed Knowledge	Requisites
ACSC71-400	Actuarial Control Cycle 1		ACSC71-301 ACSC71-306
FINC71-303	Portfolio Analysis and Investments	FINC71-101 STAT71-112	
General Elective PG	Choose any UG subject on offer provided faculty requirements are met.		
Semester 3	May 2029	Assumed Knowledge	Requisites
ACSC71-401	Actuarial Control Cycle 2	ACSC71-301	
DTSC71-302	Statistical Learning and Regression Models	DTSC71-200 ECON71-200	
General Elective PG	Choose any UG subject on offer provided faculty requirements are met.		

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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
ACSC71-400	Actuarial Control Cycle 1	J S	10
ACSC71-401	Actuarial Control Cycle 2	J M	10
DTSC71-200	Data Science	J S	10
DTSC71-302	Statistical Learning and Regression Models	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
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 108630F	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			