

Program structure and sequence plans



BN-13145		Master of Actuarial Science (Specialisation)			May Intake
Version	1				
May	2023 Semester 1	ACCT71-100 Accounting Principles	ACSC71-200 Mathematical Statistics	ECON71-100 Principles of Economics	
September	2023 Semester 2	ACSC71-306 Stochastic Processes	ECON71-200 Linear Models and Applied Econometrics	ECON71-202 Macroeconomics	
January	2024 Semester 3	ACSC71-201 Financial Mathematics	FINC71-603 Investments	Specialisation BBS Students must choose to complete one of the following Business Specialisation.	
		Subject Catalogue	Major Catalogue	Program Catalogue	
May	2024 Semester 1	ACSC71-301 Contingencies	ACSC71-307 Survival Analysis	Specialisation BBS Students must choose to complete one of the following Business Specialisation.	
September	2024 Semester 2	FINC71-601 Corporate Finance	Specialisation BBS Students must choose to complete one of the following Business Specialisation.	General Elective UG Choose any UG subject provided requirements are met.	
January	2025 Semester 3	ACSC71-305 Actuarial and Financial Models	Specialisation BBS Students must choose to complete one of the following Business Specialisation.	General Elective UG Choose any UG subject provided requirements are met.	
		Subject Catalogue	Major Catalogue	Program Catalogue	

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September	2023 Semester 1	ACCT71-100 Accounting Principles	ACSC71-200 Mathematical Statistics	ECON71-200 Linear Models and Applied Econometrics	
January	2024 Semester 2	ACSC71-201 Financial Mathematics	ACSC71-306 Stochastic Processes	ECON71-100 Principles of Economics	
May	2024 Semester 3	ACSC71-301 Contingencies	ACSC71-307 Survival Analysis	FINC71-603 Investments	
		Subject Catalogue	Major Catalogue	Program Catalogue	
September	2024 Semester 1	ACSC71-305 Actuarial and Financial Models	Specialisation BBS Students must choose to complete one of the following Business Specialisation.	General Elective UG Choose any UG subject provided requirements are met.	
January	2025 Semester 2	FINC71-601 Corporate Finance	Specialisation BBS Students must choose to complete one of the following Business Specialisation.	General Elective UG Choose any UG subject provided requirements are met.	
May	2025 Semester 3	ECON71-202 Macroeconomics	Specialisation BBS Students must choose to complete one of the following Business Specialisation.	Specialisation BBS Students must choose to complete one of the following Business Specialisation.	
GENERAL 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 program will develop skills in the challenge of crunching 'big data' numbers to create practical solutions for real-world problems.					
PROGRAM INFORMATION					
The program provides a degree of flexibility to specialise in Data Analytics, Finance, Health Management, International Business, Marketing or Hotel, Resort and Tourism Management.					
SUBJECT INFORMATION					
Students can choose 2 General Elective Subject (20CP). General elective – A subject that may be chosen from any subject on offer across the University provided requisites, enrolment restrictions and any other faculty requirements have been met.					

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Total Subjects	16	Total Credit Points	Masters Coursework	
Structure	12 Required Subjects		1 x 4 Subject Specialisation	2 General Elective
<p>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.</p>				
Available	Code	Title	Assumed Knowledge	Requisite
You must complete the following required subjects:				
J/M/S	ACCT71-100	Accounting Principles		
M/S	ACSC71-200	Mathematical Statistics		
J	ACSC71-201	Financial Mathematics		
M	ACSC71-301	Contingencies		ACSC71-201
J/S	ACSC71-305	Actuarial and Financial Models		ACSC71-200_CONCUR, ACSC71-201
J/S	ACSC71-306	Stochastic Processes		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	FINC71-601	Corporate Finance	FINC71-101	
J/M	FINC71-603	Investments	FINC71-101	
General Elective PC Choose any four PG subject provided requirements are met.				
J/M/S	Optional Specialisa Students may choose to complete an optional Business Specialisation (40cp) i			
J/M/S	SRC-467	Structure - Data Analytics Specialisation		
J/M/S	SRC-470	Structure - Finance Specialisation		
J/M/S	SRC-471	Structure - Marketing Specialisation		
J/M/S	SRC-472	Structure - International Business Specialisation		
J/M/S	SRC-479	Structure - Tourism and Hotel Management Specialisation		
J/M/S	SRC-512	Structure - Health Management Specialisation		