# Program structure and sequence plans



BN-13120		Master of Actuarial	Practice		
Version	7				Jan Intake
	2021	ACCT71-600	ACSC71-201	DTSC71-200	ECON71-600
January	Semester 1	Accounting Principles	Financial Mathematics	Data Science	Economics for Business
	2021	ACSC71-200	ACSC71-301	ECON71-200	FINC71-603
May	Semester 2	Mathematical Statistics	Contingencies	Linear Models and Applied Econometrics	Investments
	2021	ACSC71-307	ECON71-202	FINC71-601	General Elective UG
September	Semester 3	Survival Analysis	Macroeconomics	Corporate Finance	Choose any UG subject provided requirements are met.
		Subject Catalogue	Major Catalogue	Program Catalogue	
	2022	ACSC71-305	ACSC71-306	ACSC71-400	General Elective UG
January	Semester 1	Actuarial and Financial Models	Stochastic Processes	Actuarial Control Cycle 1	Choose any UG subject provided requirements are met.
	2022	ACSC71-401	ACSC71-403	DTSC71-302	General Elective UG
May	Semester 2	Actuarial Control Cycle 2	Actuarial Research Essay	Statistical Learning and Regression Models	Choose any UG subject provided requirements are met.
BN-13120		Master of Actuarial	Practice	•	
Version	7				May Intake
	2021	ACCT71-600	ACSC71-200	ECON71-200	ECON71-600
May	Semester 1	Accounting Principles	Mathematical Statistics	Linear Models and Applied Econometrics	Economics for Business
	2021	ACSC71-306	ACSC71-307	DTSC71-200	ECON71-202
September	Semester 2	Stochastic Processes	Survival Analysis	Data Science	Macroeconomics
	2022	ACSC71-201	ACSC71-305	FINC71-603	General Elective UG
January	Semester 3	Financial Mathematics	Actuarial and Financial Models	Investments	Choose any UG subject provided requirements are met.
		<u>Subject Catalogue</u>	Major Catalogue	Program Catalogue	
	2022	ACSC71-301	ACSC71-400	DTSC71-302	General Elective UG
May	Semester 1	Contingencies	Actuarial Control Cycle 1	Statistical Learning and Regression Models	Choose any UG subject provided requirements are met.
	2022	ACSC71-401	ACSC71-403	FINC71-601	General Elective UG
September	Semester 2	Actuarial Control Cycle 2	Actuarial Research Essay	Corporate Finance	Choose any UG subject provided requirements are met.
BN-13120		Master of Actuarial	Practice	•	
Version	7				Sep Intake
	2021	ACCT71-600	ACSC71-200	DTSC71-200	ECON71-200
September	Semester 1	Accounting Principles	Mathematical Statistics	Data Science	Linear Models and Applied Econometrics
	2022	ACSC71-201	ACSC71-306	ECON71-600	FINC71-603
January	Semester 2	Financial Mathematics	Stochastic Processes	Economics for Business	Investments
	2022	ACSC71-301	ACSC71-400	DTSC71-302	General Elective PG
May	Semester 3	Contingencies	Actuarial Control Cycle 1	Statistical Learning and Regression Models	Choose any PG subject provided requirements are met.
		Subject Catalogue	Major Catalogue	Program Catalogue	•
	2022	ACSC71-305	ACSC71-307	ACSC71-401	General Elective PG
September	Semester 1	Actuarial and Financial Models	Survival Analysis	Actuarial Control Cycle 2	Choose any PG subject provided requirements are met.
	2023	ACSC71-403	ECON71-202	FINC71-601	General Elective PG
		Actuarial Research Essay	Macroeconomics	Corporate Finance	Choose any PG subject provided
January	Semester 2				requirements are met.

Updated 16/03/2021

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### **GENERAL INFORMATION**

Accredited by the Actuaries Institute, the Master of Actuarial Practice is an innovative and immersive program that combines advanced mathematics, statistics, data analytics, actuarial risk theory, finance, economics and accounting with large-scale, real-life commercial data analysis to develop techniques for the management of risk and business decision making. An integral part of this degree is the development of research skills and actuarial judgement through the Actuarial Control Cycle subjects and the Actuarial Research Essay subject (20 week duration).

### **PROGRAM INFORMATION**

### SUBJECT INFORMATION

Students can choose 3 General Elective Subjects. 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. Students are encouraged to complete an optional specialisation.

BN-13120	Master of Actuarial Practice				
Version	7				
Total Subjects	20	Total Credit Points	200	Cricos Code	083211B
Structuro		17 Paguirod Subjects	2 Ganaral Flactiva		

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 enrolement.

	quirad subjects:									
CCT74 COO	ou must complete the following required subjects:									
CCT71-600	Accounting Principles									
CSC71-200	Mathematical Statistics									
CSC71-201	Financial Mathematics									
CSC71-301	Contingencies		ACSC71-201							
CSC71-305	Actuarial and Financial Models		ACSC71-200_CONCUR, ACSC71-201							
CSC71-306	Stochastic Processes		ACSC71-200							
CSC71-307	Survival Analysis		ACSC71-200							
CSC71-400	Actuarial Control Cycle 1	ACSC71-304								
CSC71-401	Actuarial Control Cycle 2	ACSC71-301 or ACSC71-304								
CSC71-403	Actuarial Research Essay									
TSC71-200	Data Science									
TSC71-302	Statistical Learning and Regression Models	ECON71-200, DTSC71-200								
CON71-200	Linear Models and Applied Econometrics									
CON71-202	Macroeconomics									
CON71-600	Economics for Business									
NC71-601	Corporate Finance	FINC71-600								
NC71-603	Investments	FINC71-600								
	SC71-200 SC71-201 SC71-301 SC71-305 SC71-306 SC71-307 SC71-400 SC71-401 SC71-403 SC71-200 SC71-200 ON71-200 ON71-202 ON71-600	Mathematical Statistics SC71-201 Financial Mathematics SC71-301 Contingencies SC71-305 Actuarial and Financial Models SC71-306 Stochastic Processes SC71-307 Survival Analysis SC71-400 Actuarial Control Cycle 1 SC71-401 Actuarial Control Cycle 2 SC71-403 Actuarial Research Essay SC71-200 Data Science SC71-302 Statistical Learning and Regression Models ON71-200 Linear Models and Applied Econometrics ON71-201 Macroeconomics ON71-600 Economics for Business IC71-601 Corporate Finance	Mathematical Statistics SC71-201 Financial Mathematics SC71-301 Contingencies SC71-305 Actuarial and Financial Models SC71-306 Stochastic Processes SC71-307 Survival Analysis SC71-400 Actuarial Control Cycle 1 ACSC71-304 SC71-401 Actuarial Control Cycle 2 ACSC71-301 or ACSC71-304 SC71-403 Actuarial Research Essay SC71-200 Data Science SC71-302 Statistical Learning and Regression Models SC71-200 Linear Models and Applied Econometrics SC71-200 Macroeconomics SC71-600 Economics for Business SC71-601 Corporate Finance SC71-600 FINC71-600							

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