

2019 Jan/May

Program Structure		Master of Actuarial Science (Specialisation)		Big Data	
Program Code	Total Subjects	Intakes		Duration	Structure
BN-13122	16	Commencing January 2019 (191 Semester)		4 semesters (1 year 4 months)	11 Required Subjects 1 x 4 Subject Specialisation 1 General Elective
Version	2	Commencing May 2019 (192 Semester)		full-time	
Total Credit Points	160				
CRICOS	092655K				
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.					
Available	Code	Title		Assumed Knowledge	Requisite
Students must complete the following Required Subjects					
J/M/S	ACCT71-600	Accounting Principles			
M/S	ACSC71-200	Mathematical Statistics			Read Requirements on-line
J	ACSC71-201	Financial Mathematics			Read Requirements on-line
M	ACSC71-301	Contingencies		ACSC71-201	Read Requirements on-line
J/S	ACSC71-304	Stochastic Modelling		ACSC71-200	Read Requirements on-line
J/S	ACSC71-305	Actuarial and Financial Models		ACSC71-200 & FINC71-603	Read Requirements on-line
J/M/S	ECON71-200	Econometrics			
S	ECON71-202	Macroeconomics			
J/M	ECON71-600	Economics for Business			
J/S	FINC71-601	Corporate Finance		FINC71-600	
J/M	FINC71-603	Investments		FINC71-600	
M/S	MGMT71-311	Managing Strategic Change			
Students must complete the following Required Subjects from the BIG DATA Specialisation					
	INFT71-216	Data Science			
	INFT71-223	Machine Learning in Business			
Students must complete two (2) of the following Subjects from the BIG DATA Specialisation					
	BUSN73-403	Advanced Econometrics			
	INFT71-326	Statistical Learning and Regression Models			
	INFT73-361	Financial Trading Systems			

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Sequence Plan For students Commencing January 2019				
Semester	Code	Title	Assumed Knowledge	Requisite
1st Semester	ACSC71-201	Financial Mathematics		Read Requirements on-line
January	ECON71-600	Economics for Business		
	191 FINC71-603	Investments	FINC71-600	
	INFT71-216	Data Science		
2nd Semester	ACSC71-200	Mathematical Statistics		Read Requirements on-line
May	ACSC71-301	Contingencies	ACSC71-201	Read Requirements on-line
	192 ECON71-200	Econometrics		
	INFT71-223	Machine Learning in Business	INFT71-216	Read Requirements on-line
3rd Semester	ACSC71-304	Stochastic Modelling	ACSC71-200	Read Requirements on-line
September	ECON71-202	Macroeconomics		
	193 MGMT71-311	Managing Strategic Change		
	INFT73-361	Financial Trading Systems	INFT71-216	Read Requirements on-line
4th Semester	ACCT71-600	Accounting Principles		
January	ACSC71-305	Actuarial and Financial Models	ACSC71-200 & FINC71-603	Read Requirements on-line
	201 FINC71-601	Corporate Finance	FINC71-600	
	Elective/Specialisation	Choose either General Elective or Specialisation Subject		
Sequence Plan For students Commencing May 2019				
Available	Code	Title	Assumed Knowledge	Requisite
1st Semester	ACCT71-600	Accounting Principles		
May	ACSC71-200	Mathematical Statistics		Read Requirements on-line
	192 ECON71-200	Econometrics		
	FINC71-603	Investments	FINC71-600	
2nd Semester	ACSC71-304	Stochastic Modelling	ACSC71-200	Read Requirements on-line
September	ECON71-202	Macroeconomics		
	193 INFT71-216	Data Science		
	INFT73-361	Financial Trading Systems	INFT71-216	Read Requirements on-line
3rd Semester	ACSC71-201	Financial Mathematics		Read Requirements on-line
January	ACSC71-305	Actuarial and Financial Models	ACSC71-200 & FINC71-603	Read Requirements on-line
	201 FINC71-601	Corporate Finance	FINC71-600	
	Elective/Specialisation	Choose either General Elective or Specialisation Subject		
4th Semester	ACSC71-301	Contingencies	ACSC71-201	Read Requirements on-line
May	ECON71-600	Economics for Business		
	202 INFT71-223	Machine Learning in Business	INFT71-216	Read Requirements on-line
	MGMT71-311	Managing Strategic Change		