BOND UNIVERSITY
BOND BUSINESS SCHOOL

Master of Actuarial Science (Specialisation) with Big Data

Program Structure and Sequence Plan
Updated 1/07/2019

2019 Sep

Program Structure		Master of Actuarial Science (Specialisation)	Big Data	
Program Code	**Total Subjects**	**Intakes**	**Duration**	**Structure**
BN-13122	**16**		4 semesters (1 year 4 months)	**11 Required Subjects**
Version	2		full-time	**1 x 4 Subject Specialisation**
Total Credit Points	160	Commencing September 2019 (193 Semester)		**1 General Elective**
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	
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		

Master of Actuarial Science (Specialisation) with Big Data

Program Structure and Sequence Plan
Updated 1/07/2019

2019 Sep

Sequence Plan For students Commencing September 2019

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