## Program structure and sequence plans



| BN-13144  |            | Master of Actuarial Science    |                       |   |            |
|---|------------|--------------------------------|-----------------------|---|------------|
| Version   | 1          |                                |                       |   | Jan Intake |
|   | 2023       | ACCT71-100                     | ACSC71-201            | ECON71-100                                |            |
| January   | Semester 1 | Accounting Principles          | Financial Mathematics | Principles of Economics                   |            |
|   | 2023       | ACSC71-200                     | ACSC71-301            | ECON71-200                                |            |
| Мау   | Semester 2 | Mathematical Statistics        | Contingencies         | Linear Models and Applied<br>Econometrics |            |
|   | 2023       | ACSC71-306                     | ACSC71-307            | FINC71-601                                |            |
| September   | Semester 3 | Stochastic Processes           | Survival Analysis     | Corporate Finance                         |            |
| Subject Catalogue Major Catalogue Program Catalogue |            |                                |                       |   |            |
|   | 2024       | ACSC71-305                     | ECON71-202            | FINC71-603                                |            |
| January   | Semester 1 | Actuarial and Financial Models | Macroeconomics        | Investments                               |            |



## 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** SUBJECT INFORMATION **Master of Actuarial Science** BN-13144 Version 1 Total Subjects 12 Total Credit Points Masters Coursework Cricos Code Structure 12 Required Subjects 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. Available Code Title Assumed Knowledge Requisite ou must complete the following required subjects: Accounting Principles J/M/S ACCT71-100 M/S ACSC71-200 Mathematical Statistics **Financial Mathematics** ACSC71-201 J М ACSC71-301 Contingencies ACSC71-201 J/S ACSC71-305 Actuarial and Financial Models ACSC71-200\_CONCUR, ACSC71-201 ACSC71-306 Stochastic Processes J/S ACSC71-200 M/S ACSC71-307 Survival Analysis ACSC71-200 ECON71-100 Principles of Economics J/M 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