

| BN-13121  |                    | Master of Actuarial Science                  |                                     |  |                                 |
|-----------|--------------------|--|-------------------------------------|--|---------------------------------|
| Version   |                    | 4  |                                     |  | <b>Jan Intake</b>               |
| January   | 2022<br>Semester 1 | ACCT71-100<br>Accounting Principles          | ACSC71-201<br>Financial Mathematics | ECON71-100<br>Principles of Economics                | FINC71-601<br>Corporate Finance |
| May       | 2022<br>Semester 2 | ACSC71-200<br>Mathematical Statistics        | ACSC71-301<br>Contingencies         | ECON71-200<br>Linear Models and Applied Econometrics | FINC71-603<br>Investments       |
| September | 2022<br>Semester 3 | ACSC71-305<br>Actuarial and Financial Models | ACSC71-306<br>Stochastic Processes  | ACSC71-307<br>Survival Analysis                      | ECON71-202<br>Macroeconomics    |
|           |                    | <a href="#">Subject Catalogue</a>            | <a href="#">Major Catalogue</a>     | <a href="#">Program Catalogue</a>                    |                                 |

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| Version   |                    | 4                                   |  |  | <b>Sep Intake</b>                     |
| September | 2022<br>Semester 1 | ACCT71-100<br>Accounting Principles | ACSC71-200<br>Mathematical Statistics        | ECON71-200<br>Linear Models and Applied Econometrics | FINC71-601<br>Corporate Finance       |
| January   | 2023<br>Semester 2 | ACSC71-201<br>Financial Mathematics | ACSC71-305<br>Actuarial and Financial Models | ACSC71-306<br>Stochastic Processes                   | ECON71-100<br>Principles of Economics |
| May       | 2023<br>Semester 3 | ACSC71-301<br>Contingencies         | ACSC71-307<br>Survival Analysis              | ECON71-202<br>Macroeconomics                         | FINC71-603<br>Investments             |
|           |                    | <a href="#">Subject Catalogue</a>   | <a href="#">Major Catalogue</a>              | <a href="#">Program Catalogue</a>                    |                                       |

## 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

Students can choose 1 General Elective Subject (10CP). 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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|--|----------------------|--|-------------------|-------------------------------|---------|
| Version  | 4                    |  |                   |                               |         |
| Total Subjects   | 12                   | Total Credit Points                    | 120               | Cricos Code                   | 092654M |
| Structure  | 12 Required Subjects |  |                   |                               |         |
| <p><b>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.</b></p> |                      |  |                   |                               |         |
| Available  | Code                 | Title                                  | Assumed Knowledge | Requisite                     |         |
| <b>You must complete the following required subjects:</b>  |                      |  |                   |                               |         |
| 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/S  | ECON71-200           | Linear Models and Applied Econometrics |                   |                               |         |
| J/M/S  | ECON71-202           | Macroeconomics                         |                   |                               |         |
| J/M/S  | ECON71-100           | Principles of Economics                |                   |                               |         |
| J/S  | FINC71-601           | Corporate Finance                      | FINC71-600        |                               |         |
| J/M  | FINC71-603           | Investments                            | FINC71-600        |                               |         |