

MCom (Actuarial Science)

Admission requirements

- An honours degree in Actuarial Science or Mathematical Statistics;
- Passes in university modules equivalent to all seven of the foundation and intermediate technical subjects of the Actuarial Society of South Africa (or the core principles subjects of the Institute and Faculty of Actuaries); *and*
- Exemptions from (or passes in the profession's examinations for):
 - at least six of the foundation and intermediate technical examinations of the Actuarial Society of South Africa (or the core principles examinations of the Institute and Faculty of Actuaries); *and*
 - the Actuarial Risk Management (A311/CP1) examination *or* one of the fellowship principles examinations of the Actuarial Society of South Africa (or one of the specialist principles examinations of the Institute and Faculty of Actuaries).

Selection

The number of students selected can be influenced by, for example, staff capacity, availability of resources within the Department as well as academic merit and University transformation objectives. As staff capacity and resources can fluctuate from year to year, the number of students selected can also differ from year to year.

Should the number of applicants that meet the admission requirements exceed the available capacity of the Department, the criteria in the admission requirements will be used to rank the applicants in order of suitability, and to finalise the list of selected applicants.

Application procedure and closing date

Application procedures and dates are advertised by the Department of Statistics and Actuarial Science in December and June of every year. For more information, contact the Department at the details below under "Enquiries".

Duration, offering type and starting date of programme

Duration: A minimum of one year, full-time.

Starting date: January.

Programme's mode of delivery

Fully contact (face-to-face).

Enquiries

Head of Actuarial Science: Prof Garrett Slattery

Department of Statistics and Actuarial Science

Tel: 021 808 3248

E-mail: actuarial@sun.ac.za

Website: www.sun.ac.za/statistics (click on "Programmes", "Actuarial Science", "Postgraduate")

Programme structure

You can choose between two possible options:

- A *Coursework option* (Actuarial Science 889), consisting of a research project and elective modules; or
- A *Thesis option* (Actuarial Science 879), consisting of a larger thesis and fewer elective modules than for the Coursework option.

Programme content

Programme module

You must complete a total of at least 180 credits for one of the options in this programme.

Code	Module	Credits	Module Name	Semester
43214	879	180	Actuarial Science (Thesis option) <i>or</i>	Both
43214	889	180	Actuarial Science (Coursework option)	Both

A list of the compulsory and elective modules that make up the total credit load for each option appears below.

Compulsory module for the Coursework option (889) (60 credits)

Code	Module	Credits	Module Name	Semester
11170	895	60	Research Project: Actuarial Science	Both

Compulsory module for the Thesis option (879) (120 credits)

Code	Module	Credits	Module Name	Semester
11171	896	120	Thesis: Actuarial Science	Both

Elective modules for both options (889 and 879)

- For the Coursework option, choose modules totalling at least 120 credits.
- For the Thesis option, choose modules totalling at least 60 credits.
- It may happen that some of the elective modules listed below will not be offered in a particular year. Please contact the Department of Statistics and Actuarial Science to find out which modules will be available.
- You may take modules totalling up to 30 credits from topics offered in the Mathematical Statistics or Financial Risk Management postgraduate programmes (as approved by the Head of Actuarial Science from time to time).

Code	Module	Credits	Module Name	Semester
13697	819	60	Capita Selecta: Actuarial Applications A	Both
13699	849	60	Capita Selecta: Actuarial Applications B	Both
10364	845	45	Finance and Investment Principles (F105)	2
10365	846	45	Enterprise Risk Management Principles (F106)	2
10360	843	45	General Insurance Principles (F103)	2
10368	811	45	Health and Care Principles (F101)	1
10372	812	45	Life Insurance Principles (F102)	1
10376	814	45	Pensions Principles (F104)	2