

### 4.1.15 MCom (Statistics)

*Please note:* An application has been submitted to externally amend the title of this programme to Master of Commerce in Applied Statistics and Data Science – abbreviation" MCom (Applied Statistics and Data Science)". This change will be implemented once the amended title has been approved by the Department of Higher Education and Training (DHET) and the Council on Higher Education (CHE), and the change has been registered by the South African Qualifications Authority (SAQA) .

#### Admission requirements

- An honours degree with Statistics as major field of study.

#### Selection

The number of students selected can be influenced by, for example, staff capacity and the 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.

If the Statistics background of the applicant is deemed insufficient after a case-by-case determination by the Department of Statistics and Actuarial Science, the Department may require an additional departmental assessment on Statistics topics. Students may also be required to complete additional Stellenbosch University Statistics modules along with the MCom studies.

#### Application procedure and closing date

Apply at [www.sun.ac.za/pgstudies](http://www.sun.ac.za/pgstudies). For South African applicants, the closing date is **31 October** of the year before your intended studies, and for international applicants, it is **30 September**.

#### Duration, offering type and starting date of programme

**Duration:** Two years, full-time. You must complete the programme within four years. If not, you will have to repeat your modules.

**Starting date:** One and a half weeks before the other classes at the University begin.

#### Programme's mode of delivery

Fully contact (face-to-face).

#### Enquiries

Programme leader: Prof Sugnet Lubbe  
 Department of Statistics and Actuarial Science  
 Tel: 021 808 3024  
 E-mail: [slubbe@sun.ac.za](mailto:slubbe@sun.ac.za)  
 Website: [www.sun.ac.za/statistics](http://www.sun.ac.za/statistics)

#### Programme structure

You can choose between two possible options:

- *A Coursework and Assignment option* (Statistics 889), consisting of a compulsory research assignment of 60 credits and elective modules to add up to at least 180 credits;
- *A Coursework and Thesis option* (Statistics 879), consisting of a compulsory thesis of 90 credits and elective modules to add up to at least 180 credits.

#### Programme content

##### Programme module

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

Code	Module	Credits	Module Name	Semester
19658	889	180	Statistics (Coursework and Assignment option)	Both
19658	879	180	Statistics (Coursework and Thesis option)	Both

The modules for each option are listed below.

### Compulsory module for Coursework and Assignment option (889) (60 credits)

Code	Module	Credits	Module Name	Semester
11226	893	60	Research Assignment: Statistics	Both

### Compulsory module for Coursework and Thesis option (879) (90 credits)

Code	Module	Credits	Module Name	Semester
11244	891	90	Thesis: Statistics	Both

### Elective modules for both options (889 and 879)

Choose modules to add up to at least 180 credits with the assignment or thesis.

*Please note:*

Some of the modules listed below may not be offered in a specific year, depending on circumstances in the Department. Modules can also be offered in different semesters from what is listed below. Please contact the Department to find out which modules will be available.

Code	Module	Credits	Module Name	Semester
10523	818	15	Advanced Sampling Techniques	2
10521	821	15	Advanced Statistics A	1
10522	851	15	Advanced Statistics B	2
11913	851	15	Applied Extreme Value Theory	2
10694	811	15	Bootstrap and other Resampling Techniques A	1
10695	841	15	Bootstrap and other Resampling Techniques B	2
18130	822	15	Multi-dimensional Scaling A	1
11910	852	15	Multi-dimensional Scaling B	2

*Also please take note of the following prerequisites:*

- Bootstrap and other Resampling Techniques A 811(15) is a prerequisite for Bootstrap and other Resampling Techniques B 841(15).
- Multi-dimensional Scaling A 822(15) is a prerequisite for Multi-dimensional Scaling B 852(15).

Disclaimer:

The content above comes from the 2023 Economic Management Sciences Calendar (Yearbook). Make sure to consult the full [Economic Management Sciences Calendar](#) to see this extract in context and to check if there have been any changes. Take special note of additional information in the Calendar under section ***1. General Information for all Postgraduate Programmes.***