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## Statistics & Actuarial Science

### Senior Lecturer/Lecturer in Financial Risk Management

*The Department of Statistics and Actuarial Science offers both undergraduate and postgraduate training in (Mathematical) Statistics, Actuarial Science and Financial Risk Management. Members of the Department are also actively engaged in research and consulting in these fields. The Department has excellent computing facilities (hardware as well as software) in support of these activities. A position at the Senior Lecturer or Lecture position in the Financial Risk Management section is available in the Department.*

Further information is available on the Department's website at [www.sun.ac.za/statistics](http://www.sun.ac.za/statistics).

#### Senior Lecturer

##### Duties:

- Teaching and developing undergraduate as well as postgraduate courses in Financial Risk Management.
- Participating and taking a leading role in the Department's research activities in Financial Risk Management.
- Supervision to postgraduate students.
- Assisting with the Department's liaison with the financial industry and expanding of it.

##### Requirements:

- At least a Master's degree in the Mathematical Sciences (Financial Risk Management, Mathematical Statistics, Mathematics or Applied Mathematics) PLUS a professional qualification in Financial Risk Management and/or Quantitative Financial Analysis OR a PhD in the Mathematical Sciences (Financial Risk Management, Mathematical Statistics, Mathematics or Applied Mathematics).
- The intention to begin with and complete a PhD in Mathematical Sciences (Financial Risk Management, Mathematical Statistics, Mathematics or Applied Mathematics) if the candidate does not have a PhD
- Proven practical experience in the financial sector and/or proven research output with respect to quantitative Financial Risk Management.
- Ability to teach Financial Risk Management at under- and post-graduate level.
- Ability to develop under- and post-graduate modules in Financial Risk Management.

##### Recommendations:

- Teaching experience at postgraduate level.
- Computing skills, especially in at least two of VBA, Matlab, R, Python and SAS.

#### Lecturer

##### Duties:

- Teaching and developing undergraduate courses in Financial Risk Management.
- Participating and taking in the Department's research activities in Financial Risk Management.
- Study guidance to Honours students.
- Assisting with the Department's liaison with the financial industry and expanding of it.

**Requirements:**

- At least a Master's degree in the Mathematical Sciences (Financial Risk Management, Mathematical Statistics, Mathematics or Applied Mathematics).
- Ability to teach Financial Risk Management at undergraduate level.
- Ability to develop undergraduate modules in Financial Risk Management.
- The intention to begin with and complete a PhD in Mathematical Sciences (Financial Risk Management, Mathematical Statistics, Mathematics or Applied Mathematics) if the candidate does not have a PhD.

**Recommendations:**

- Teaching experience.
- Computing skills, especially in at least two of VBA, Matlab, R, Python and SAS.

**Commencement of duties:** 1 January 2020 or soon as possible thereafter

**Closing date:** 30 September 2019

**Enquiries regarding this post:** Prof WJ Conradie on 021 808 3247 / 021 808 3244, e-mail: [wjc@sun.ac.za](mailto:wjc@sun.ac.za)

**Enquiries regarding remuneration/benefits as well as technical assistance with the electronic application process:** Human Resources Client Services Centre on 021 808 2753

*The University will consider all applications in terms of its Employment Equity Plan, which acknowledges the need to diversify the demographic composition of the staff corps, especially with regard to the appointment of suitable candidates from the designated groups*

*The University reserves the right not to make an appointment.*

Your application, comprising a **comprehensive curriculum vitae (including the names and e-mail address of at least three referees)**, must reach the University before or on the closing date of the advertised post.

**Apply online at [www.sun.ac.za/english/careers](http://www.sun.ac.za/english/careers)**

*The University reserves the right to investigate qualifications and conduct background checks on all candidates.*

***Should no feedback be received from the University within six weeks of the closing date, kindly accept that your application did not succeed.***

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