UNIVERSITY OF THE
FREE STATE
UNIVERSITEIT VAN DIE
VRYSTAAT
YUNIVESITHI YA
FREISTATA

UFS·UV
HUMAN RESOURCES
MENSLIKE HULPBRONNE

Faculty Natural and Agricultural Sciences

Department Mathematical Statistics and Actuarial Science

Lecturer / Senior Lecturer / Associate Professor / Professor

Job ID: 2879

Lecturer
Salary: R 351 354.00 - R 491 043.00
Total rem. package: R 506 667.43 - R 682 564.00

Senior Lecturer:
Salary: R 449 955.00 - R 554 496.00
Total rem. package: R 630 825.94 - R 762 464.10

Associate Professor:
Salary: R 575 763.00 - R 685 617.00
Total rem. package: R 789 243.54 - R 927 571.84

Professor:
Salary: R 734 718.00 - R 831 198.00
Total rem. package: R 989 399.89 - R 1 110 887.63

This post was previously advertised as Job ID 2761. All applications received in response to the previous advertisement, will automatically be considered again. Previous applicants therefore do not need to reapply.

NB! Applications may only be submitted online. Please ensure that all relevant documentation is attached to your application. INCOMPLETE APPLICATIONS WILL NOT BE CONSIDERED. Please note: Compile/Convert all the below documents as one document (Pdf or Word), when uploading it on the online applications system.

- a detailed curriculum vitae and cover letter (please note that the first three (3) referees on your CV will be contacted with regard to reference checking);
- certified copies (not older than 3 months) of all academic records;
- certified copies (not older than 3 months) of qualifications (please provide the SAQA accreditation in the case of foreign qualifications);
- a certified copy (not older than 3 months) of your identity document (ID).
- Proof of registration with a Professional Body (if applicable).
- A copy of your driver's license (if applicable).

Duties and responsibilities:

- Teach and assess postgraduate students.
- Provide study leadership at postgraduate level.
- Supervise master's and PhD students.
- Conduct research and publish it in accredited journals.
- Source external research funding and forge linkage with the industry.
- Participate in community projects.

- Recruit postgraduate students.
- Perform general administration duties as applicable at university level.

Inherent requirements:

Lecturer:
- Master's degree in Mathematical Statistics, applied Statistics, Biostatistics, or a related master's degree in Mathematical or Actuarial Sciences or similar on NQF level 9.
- Proven experience in presentation of poster or oral presentations at conferences or equivalent activities.
- A good academic record.

Senior Lecturer:
- PhD in Mathematical Statistics, applied Statistics, Biostatistics, or related PhD in Mathematical or Actuarial Sciences or similar on NQF level 10.
- Proven experience in presentation of paper/posters at national scholarly conferences.
- Proven national recognition for specialist expertise and research in a specific area of scholarship.
- An NRF rating or demonstrate potential for obtaining an NRF rating.
- Proven experience in supervision of graduated masters students.
- A proven research record of relevant publications in national and international accredited journals.
- Proven experience of service as an active member of national or international scholarly society.

Associate Professor:
- PhD in Mathematical Statistics, applied Statistics, Biostatistics, or related PhD in Mathematical or Actuarial Sciences or similar on NQF level 10.
- Experience as external examiner for postgraduate students.
- Proven experience in presentation of research papers at national conferences, where there is evidence of peer review papers.
- Act as an editorial board member of high-quality national scholarly journals.
- Proven national recognition for specialist expertise and research leadership in a specific scientific area of scholarship.
- An NRF rating of C3 or equivalent status.
- Proven experience in the supervision of graduate masters students.
- A proven research record of relevant publications in national and international accredited journals.
- Serve as a member of a national scholarly society.

Professor:
- PhD in Mathematical Statistics, applied Statistics, Biostatistics, or related PhD in Mathematical or Actuarial Sciences or similar on NQF level 10.
- Experience as external examiner for masters' and doctoral students.

- o Act as editorial board member of high-quality international / ISI / IBSS journals.
- o Proven international recognition for specialist expertise and research leadership in a particular area of academic scholarship (e.g. regularly serves as a reviewer for international / ISI / IBSS journals).
- o A NRF rating of C1 or C2 or equivalent status.
- o Demonstrated successful supervision of graduated Master's and preferably graduated doctoral students.
- o Proven experience in delivering keynote addresses at national scholarly conferences.
- o Serve as a member of an international scholarly society OR an international committee or agency concerned with research at higher education levels.

Required competencies:

- Knowledge of biostatistics, bioinformatics, data science, quantitative genetics, statistical genetics or genomics
- Business acumen.
- Result orientated.
- Strategic thinking.
- Building coalitions.
- Leading.

Recommendations:

- Registration at the South African Council for Natural Scientists.
- Experience in statistical analysis for complex data using R, SAS, ASREML, WOMBAT or BLUPF90
- Programming skills using R, Fortran or any other relevant language.
- **Lecturer:**
  - o Teaching experience at tertiary institution level.
  - o Good communication and social skills.
  - o Willing to enrol for a doctoral degree at the first available opportunity, if not yet attained by the time of the appointment.

Assumption of duties:

1 January 2020.

Closing date:

19 July 2019.

Salary:

The salary scale is available on request.

Enquiries:

For enquiries, please feel free to contact 051 401 7705/7267 or email Recruit@ufs.ac.za

Fringe benefits:

(Subject to specific conditions): pension scheme, medical aid scheme, group life insurance, housing allowance, leave and sick leave, service bonus and study benefits.

General:

The University reserves the right not to fill the post. The University subscribes to and applies the principles prescribed by the Employment Equity Act. Preference will be given to candidates from the designated groups, in accordance with the principles of the aforementioned act and the employee profile of the specific department/division.

Applications that are incomplete will not be considered. The UFS will only consider applications of candidates who meet all the inherent requirements of the position. Communication will be limited to shortlisted candidates only. Should you not be contacted within six weeks of the closing date for applications, you may assume that your application was unsuccessful.

APPLY ONLINE:

External candidates *can click HERE to apply online.*

UFS staff members *can log onto PeopleSoft, click Self Service, Recruiting, and Careers to apply online.*