

FACULTY OF SCIENCE

DEPARTMENT OF STATISTICS

SENIOR LECTURER

The objective of the Department of Statistics at Nelson Mandela University is to produce graduates who, by facilitating the advancement of statistical knowledge and using their statistical training, will contribute positively to the development of South Africa and society. In order to meet this objective we are looking to fill a position with an enthusiastic, forward-thinking specialist who will contribute to fundamental statistical research (including applications of the discipline in the marine and bio-statistical fields) by developing accredited research outputs relevant to the discipline. The recipient of this post will be expected to teach undergraduate and postgraduate courses in statistics; engage and supervise research activities; engage and foster links between internal and external stakeholders in departmental research endeavours and co-ordinate the department's honours programme. The recipient is expected to demonstrate academic and administrative leadership and to drive the generation and publication of accredited research in the field of statistics.

Key Performance Areas

- To facilitate and coordinate undergraduate and post-graduate teaching and learning processes in the department.
- To lead the department's honours programme including the co-ordination of the honours project activities, such as workshop training, project presentations and assessments.
- To participate and take leadership roles in research projects within the department.
- To perform departmental and academic administration including programme development.
- To prepare, submit and source external grant funding for research projects.
- To engage in inter-departmental and/or inter-faculty collaborative research in order to generate cross-disciplinary research outputs.
- To conduct, supervise and publish research relevant to the statistics community.
- To demonstrate leadership qualities within the department by taking on decision making roles.

Core Competencies

- Possess in-depth knowledge of the theory and application of Statistics.
- Possess the ability to use statistical knowledge, in training or an application environment.
- Be willing and able to teach large classes (100 - 400 students), and within 12 months of appointment be able to coordinate and manage the offering of multiple campus, large class teaching.
- Be willing and able to lecture at all undergraduate and post-graduate levels.
- Possess the administrative abilities to co-ordinate and develop academic programmes at various levels.
- Possess the communication skills to engage with entry level students of vastly different language and school leaving academic training.
- Demonstrate the ability to publish research in DHET accredited journals.
- The following competencies will be an advantage:
 - o Experience in module and programme development within the statistics domain;
 - o ability to supervise senior post-graduate students, either at masters or doctoral level;
 - o ability to lead statistical research projects;
 - o ability to source external research funding.

Minimum Requirements

- A PhD degree in Statistics.
- Have a minimum of five years of experience in the teaching and/or application of statistical knowledge.
- Evidence of at least one research publication in a DHET accredited journal.
- Evidence of conference presentations nationally and internationally.
- Evidence of teaching and/or research supervision at post-graduate level.
- Evidence of mentoring subordinates/trainees.
- Evidence of experience with one or more statistical software packages (R, SPSS, SAS, Statistica, etc).
- Evidence of sound verbal and written communication skills.
- Evidence of participating in research team or project (as part of a team).

Each application should include:

- a letter of motivation as to why you are suitable for the post,
- a current *curriculum vitae* (only include DHET accredited research outputs),
- the names and full contact particulars (i.e. e-mail & postal addresses, telephone & cell numbers) of at least three referees

Please submit applications electronically at

[https://nmmu.erecruit.co/candidateapp/Jobs/View/180831-5/Senior_lecturer- Statistics](https://nmmu.erecruit.co/candidateapp/Jobs/View/180831-5/Senior_lecturer-Statistics)

Applications for this post close on 5 October 2018.