



SEFAKO MAKGATHO HEALTH SCIENCES UNIVERSITY

SCHOOL OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF MATHEMATICS AND APPLIED MATHEMATICS

Sefako Makgatho Health Sciences University (SMU) is on a renewal path with exciting and unique opportunities to shape the training of medical and other health professionals, and scientists in general. We are on a vigorous campaign to attract top talent to join our exciting journey, as reflected in the opportunities below:

SENIOR LECTURER / LECTURER (2 posts)

Ref: 13/2024/NGM/P7/8

The University is looking for a dynamic and energetic individual who will be responsible for teaching and learning, research and community engagement and proving support to the department/school in pursuit of its academic objectives. The incumbent reports to the Head of Department and must meet the requirements, competencies, and be responsible for the key performance areas listed below:

REQUIREMENTS

Senior Lecturer

- An appropriate PhD in Mathematics with a focus on Topology or Functional Analysis or Measure Theory or Complex Analysis
- Five (5) years teaching experience at an Institution of Higher Learning
- Three (3) Publications in accredited scientific journals
- Evidence of successful curriculum development and academic management
- Evidence of competence in administration of a course/subject at departmental level
- Experience in managing research programs and postgraduate student supervision
- Experience in development and reviewing of research proposals
- Evidence of active participation in professional, industry and/or community activities
- Successful supervision or co-supervision of postgraduate at Masters level
- A developed research area that is (or has the potential to be) institutionally/regionally impactful
- Established scholarship or specialist role in community engagement
- Substantial participation in leadership and administration at departmental or school or programme level
- Proven ability to navigate online platforms such as Blackboard Collaborate, Zoom and Microsoft Teams with requisite proficiency
- Excellent computer skills, knowledge of mathematical packages such as MATLAB, Octave, Latex, MATHEMATICA and competency of ITS

Lecturer

- An appropriate MSc Degree in Mathematics with a focus on Topology or Functional Analysis or Measure Theory or Complex Analysis
- Three (3) years teaching experience at an Institution of Higher Learning
- One (1) Publication in accredited scientific journals
- A track record of lecturing at both undergraduate and postgraduate levels
- Substantial participation in community engagement
- Proficiency in Learning Management System such as Blackboard Collaborate, Zoom and Microsoft Teams
- Excellent computer skills, knowledge of mathematical packages such as MATLAB, Octave, Latex, MATHEMATICA and competency of ITS
- Substantial participation in leadership and administration at the departmental level or school level will be an added advantage
- Successful co-supervision of postgraduate at Honours level will be an added advantage

COMPETENCIES

- Technical / professional knowledge and skill
- Formal presentation skill
- Coaching and mentoring
- Learner focus
- Continuous learning
- Communication (verbal and written)
- Decision-making and problem-solving skill
- Interpersonal skills
- Professional and ethical standards
- Adaptability
- Managing work standards
- Building interpersonal relationships and partnerships

KEY PERFORMANCE AREAS

- Undertake teaching and learning at undergraduate and postgraduate levels
- Research and utilize new and emerging approaches and technology in teaching and learning
- Contribute and participate in curriculum development and review
- Contribute to community engagement initiatives
- Participate in departmental committees
- Contribute to academic student development by identifying students at risk timeously and develop intervention strategies, monitor student progress and make necessary referrals
- Participation in departmental committees
- Ensure compliance with the University's safety and health policies and procedures
- Contribute to the overall development of SMU and actively improve Institutional culture
- Perform any other official duties as directed by the Head of Department

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Closing date: 17 March 2024

Applications from Employment Agency will not be considered.

Typed applications (**quoting the reference number**) which should contain a comprehensive curriculum vitae, certified copies of all qualifications and contact details of three referees, should be forwarded, for the attention of Ms NG Motsamai, to the Human Resources Department, P.O Box 68, Medunsa, 0204 or e-mail applications in MS Word and PDF format, to hr.recruitment1@smu.ac.za

The applications may also be posted OR hand delivered to (place in the application box):

Human Resources Department, 5th Floor, Clinical Pathology building, Sefako Makgatho Health Sciences University, Molotlegi Street, Garankuwa, OR Human Resources Department, P. O. Box 68, MEDUNSA, 0204.

It is the applicant's responsibility to have foreign qualifications evaluated by the South African Qualification Authority (SAQA). Failure to submit the requested documents/information will result in your application not being considered.

Telephonic enquiries regarding conditions of service: (012) 521-3893

The Sefako Makgatho Health Sciences University is an Equal Opportunity and Affirmative Action Employer.

Correspondence will be limited to short-listed candidates only. Applicants who have not been contacted within 30 days of the closing date must consider their applications as unsuccessful.

The university reserves the right to make or not to make an appointment