



SEFAKO MAKGATHO HEALTH SCIENCES UNIVERSITY

SCHOOL OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

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 opportunity below:

Professor/Associate Professor/Senior Lecturer: (2 Posts)

Ref:98/2025/NGM/P5/P6/P7

The University is looking for an energetic individual with the requisite academic stature who will be responsible for Teaching & Learning, Assessment, Curriculum Review and Development, Educational Research, Service and Community Engagement. The incumbent reports to the HOD: Computer Science and Information Technology and will furthermore meet the requirements and be responsible for the key performance areas and competencies listed below.

REQUIREMENTS

PROFESSOR

- An appropriate PhD degree in Computer Science or related field
- Ten (10) years academic experience, or ten (10) years research experience from a Science Council
- Twenty (20) publications in scientific accredited journals (cumulative)
- Successful supervision or co-supervision of at least two (2) PhDs and eight (8) Masters
- Curriculum revision or development and external examiner
- Innovative teaching methods, Moderation and Student/Peers reviews
- Have an internationally recognised research area that is (or has the potential to be) internationally impactful
- Research leader or mentor
- Generate significant external funding for research projects
- Substantial scholarship that is recognised at national level or leadership in community engagement that is recognised nationally
- Substantial participation in leadership and administration at School and Institutional level

ASSOCIATE PROFESSOR

- An appropriate PhD degree in Computer Science or related field
- Eight (8) years academic experience, or eight (8) years research experience from a Science Council
- Fifteen (15) publications in accredited scientific journals (cumulative)
- Successful supervision or co-supervision of 1 PhD and 4 Masters

- Module revision or development and external examiner
- Curriculum development
- Innovative teaching methods
- Moderation
- Student/Peers reviews
- Generate external funding for research projects
- Substantial scholarship or leadership in community engagement
- Substantial participation in leadership and administration at School level

SENIOR LECTURER

- An appropriate PhD degree in Computer Science or related field
- Five (5) years academic experience
- Three (3) publications in scientific accredited journals
- Successful supervision or co-supervision of a Postgraduate student
- Module leader or established teaching experience
- Curriculum development
- Innovative teaching methods
- Moderation
- Students/Peer reviews
- Established scholarship or specialist role in community engagement
- Substantial participation in leadership and administration at departmental or School or programme level

COMPETENCIES

- Technical/ professional knowledge and skill
- Good writing and presentation skills
- Good communication and interpersonal skills
- Ability to maintain strict confidentiality
- Client service orientation
- Meticulous attention to detail
- Ability to work under pressure
- Excellent coaching and mentoring skills
- Problem-solving skills
- Professional and ethical standards, personal impact, stature and credibility
- Building strategic alliances and partnerships
- Aligning performance to success
- Facilitating change
- A team player

KEY PERFORMANCE AREAS

- Undertake teaching and learning at undergraduate and postgraduate levels
- Supervise research projects and guide postgraduate students
- Research and utilise new and emerging approaches and technology in teaching and learning
- Keep abreast of developments within own field of study and its implications for teaching and learning
- Contribute and participate in curriculum development and review
- Contribute to community engagement initiatives and integrate community engagement interventions into curriculum
- Contribute to academic student development by identifying students at risk timeously and develop intervention strategies, monitor student progress and make necessary referrals
- Review assessment methods
- Revise and submit programmes for accreditation

- Open to invitation to teach and examine externally
- Develop research projects
- Manage research programmes
- Explore fundraising opportunities for research projects
- Provide consultative services to postgraduate students and staff
- Participate 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 duties assigned by the HOD and/or Dean

.....
Closing date: 21 November 2025

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 by e-mail to hr.recruitment7@smu.ac.za

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