



UNIVERSITY OF SOUTH AFRICA

UNISA is the only publicly funded Institution in South Africa dedicated to distance education. In keeping with its mandate as a comprehensive, open and distance learning tertiary institution offering a variety of academic and career-focused programmes, the University is inviting applications for positions in the **COLLEGE OF SCIENCE ENGINEERING AND TECHNOLOGY**.

To be considered for a position, applicants must meet all the generic requirements plus the specific requirements as stated per position. If found suitable for appointment, Unisa may offer an applicant a position at a level other than the level that was applied for. Furthermore, Unisa reserves the right to offer the applicant a contract appointment.

ACTIVITY:



TEACHING STATEMENT:

All applicants to attach a teaching statement (max 2 000 words) to their application as specified in one of the following options:

Option A: External applicants and internal applicants (from non-academic positions) – Describe how you intend to approach teaching and learning by taking into account the information in the policies listed below:

- Unisa's Tuition Policy
- Unisa's Open Distance Learning Policy
- Unisa's Assessment Policy
- Curriculum Policy
- Open Distance Learning (ODL) Pedagogy

The above mentioned Policies of UNISA can be accessed on the web using a search engine. In the event that you cannot trace the ODL Pedagogy policy finalise your teaching statement without it.

Option B: Internal applicants (from academic positions) –

Explain your:

- Involvement in, or approach to, Open Distance Learning
- Approach to fostering a learner-centered approach
- Involvement in, or approach to, teaching at either undergraduate or postgraduate level
- Involvement in developing study material as an individual or in a team approach
- The extent to which you have, or would, use an electronic learning platform for teaching
- Your pass success rates in the courses you teach/taught and your plan to increase or maintain these rates
- A peer and student evaluation of your teaching
- Your involvement in and provision of learner support to students

ACTIVITY:



The teaching statement must be supported by a portfolio of evidence which may be requested from short listed candidates at the interview.

Candidates are expected to submit a research reflection or portfolio

ACTIVITY:



[APPLICATION FORM FOR A PERMANENT ACADEMIC POST.docx](#)



The following positions exist in the various departments:

COLLEGE OF SCIENCE, ENGINEERING AND TECHNOLOGY
SCHOOL OF ENGINEERING
DEPARTMENT OF MINING MINERALS AND GEOMATICS ENGINEERING
FLORIDA-SCIENCE CAMPUS (FLORIDA)
ASSOCIATE PROFESSOR X1

(ACADEMICS) CANDIDATES WITH A RESEARCH OR ACADEMIC BACKGROUND
(NON-ACADEMICS) CANDIDATES FROM INDUSTRY

Associate Professor (X1): Mining Minerals and Geomatics Engineering

(Ref. CSET/JM/2026/AP-MMGE-1/Re-Ad8)

Post specific requirements Associate Professor.

- A Doctoral degree in Mining Engineering or equivalent plus experience/track record as a researcher for a position of Associate Professor
- A BSc or BEng in Mining Engineering, or a BTech in Mining Engineering
- A proven record of supervision of master's OR Doctoral candidates to completion
- Registration with the Engineering Council of South Africa (ECSA) as a Professional Engineer or Professional Engineering Technologist, or Application for Professional Registration in process.
- 4 years teaching/work/relevant experience
- Proven research profile and consistent publication record in peer-reviewed conference proceedings, journal articles, book chapters, or books in line with the Unisa Research and Innovation Policy at this level.

Field of Expertise:

- The candidate must have expertise in at least one of the following research areas:
Rock Engineering, Mine Design and Planning, Mine Mechanisation, Mineral Economics, Geostatistics and Geometallurgy.

Recommendations:

- NRF rating
- Evidence of research grants obtained or applied for
- Experience in reflexive/ODL teaching environment
- Participation in departmental, school, college and University committees including workplace committees or task teams and voluntary associations.
- Participation in community engagement projects

COLLEGE OF SCIENCE, ENGINEERING AND TECHNOLOGY
SCHOOL OF COMPUTING
DISCIPLINE OF COMPUTER SCIENCE
SCIENCE CAMPUS (FLORIDA)
PROFESSOR/ ASSOCIATE PROFESSOR

(ACADEMICS)	CANDIDATES WITH A RESEARCH OR ACADEMIC BACKGROUND
(NON-ACADEMICS)	CANDIDATES FROM INDUSTRY

Professor/Associate Professor (X3): Computer Science

(Ref: CSET/JM/2026/PAP-CS-2/Re-Ad1)

Post specific requirements for Professor:

- A Doctorate degree or equivalent in Computer Science or related field
- Candidates should hold both an undergraduate degree and postgraduate qualifications in Computer Science or related field.
- Proven research profile and consistent publication record in accredited journals, peer-reviewed conference proceedings, books, or book chapters in line with the Unisa Research and Innovation Policy at this level.
- A proven record of supervising postgraduate students to completion, including one doctoral student, or appropriate industry experience will be considered.
- 5-year teaching/ relevant work experience.
- Experience in leadership including leadership in different committees.

Field Requirements:

- Research in the following field:
 - Artificial Intelligence and Machine Learning.
 - Data Science and Big Data
 - Theoretical Computer Science

Recommendations:

- Experience in teaching in an Open Distance Learning pedagogy
- NRF Rated
- Record for obtaining external funding.
- Experience in Program Development, Program Review, and Program Qualification Miz
- Experience in academic leadership
- Experience in participating in engaged scholarship (Community Engagement)

Post specific requirements for Associate Professor:

- A Doctorate degree in Computer Science or related field
- Candidates should hold both an undergraduate degree and higher qualifications in Computer Science or a related field.
- Proven research profile and consistent publication record in accredited journals, peer-reviewed conference proceedings, books, or book chapters in line with the Unisa Research and Innovation Policy at this level
- A proven record of supervising postgraduate students to completion, including one master's student, or appropriate industry experience, will be considered.
- 4-year teaching/work experience
- Experience in leadership, including leadership in different committees.

Field Requirements:

- Research in the following field:
 - Artificial Intelligence and Machine Learning.
 - Data Science and Big Data
 - Theoretical Computer Science

Recommendations:

- Experience in teaching in an Open Distance Learning pedagogy
- NRF Rated
- Record for obtaining external funding.
- Experience in Program Development, Program Review, and Program Qualification Miz
- Experience in academic leadership
- Experience in participating in engaged scholarship (Community Engagement)

COLLEGE OF SCIENCE, ENGINEERING AND TECHNOLOGY (CSET)**FLORIDA CAMPUS****INSTITUTE FOR CATALYSIS AND ENERGY SOLUTIONS (ICES)****PERMANENT POSITIONS****PROFESSOR/ ASSOCIATE PROFESSOR: FUEL CELL ENERGY X 1****PROFESSOR/ ASSOCIATE PROFESSOR: ELECTROCHEMICAL ENERGY STORAGE X 2**

The Institute for Catalysis and Energy Solutions (ICES) is a research institute within the College of Science, Engineering and Technology (CSET) that addresses current and emerging issues related to clean energy solutions, to solve energy problems for tomorrow. ICES focuses on developing advanced strategic leadership in both fundamental and applied catalysis research for energy solutions. This is achieved by educating and mentoring graduate students through multidisciplinary collaborations with researchers and industry, aiming for a climate change-responsive and sustainable world for a better society. ICES has five Focus Research Platforms or Thematic Areas: (i) Chemical Fuel Energy; (ii) Hydrogen Energy; (iii) Fuel Cell Energy; (iv) Electrochemical Energy Storage, and (v) Waste-to-Energy, which advance the development of integrated energy solutions technologies.

Professor/ Associate Professor (X2): Electrochemical Energy Storage

(Ref. CSET/JM/2026/PAP-ICES-EES-3/New)

Post specific requirements for Professor:

- Doctorate in Chemistry, Chemical Engineering, or equivalent.
- Candidates must have a proven track record in Electrochemistry, Electrochemical Energy Material design and application in the field of Batteries and Supercapacitors.
- Experience in Energy Storage Device Integration and Assembly.
- Minimum of 5 years of academic teaching/work/relevant experience.
- Proven research profile and consistent publication record in journal articles, peer-reviewed conference proceedings, book chapters or books in line with the Unisa Research and Innovation Policy.
- A proven record of supervision of postgraduate students (Masters and Doctoral) to completion.
- Involvement in Engaged Scholarship or Community Engagement.
- A proven record of mentoring junior staff.
- Ability to attract external funding and collaboration with other researchers, both nationally and internationally.

Recommendations:

- Professional Registration with a relevant professional body (e.g. SACNASP and ECSA).
- Participation in Departmental, Research Institute, School, College and University committees, including workplace committees.
- NRF rating or eligibility to apply for rating.
- Involvement in industry-based research projects.

Post specific requirements for Associate Professor:

- Doctorate in Chemistry, Chemical Engineering, or equivalent.
- Candidates must have a proven track record in Electrochemistry, Electrochemical Energy Material design and application in the field of Batteries and Supercapacitors.
- Experience in Energy Storage Device Integration and Assembly.
- Minimum of 4 years of academic teaching/work/relevant experience.
- Proven research profile and consistent publication record in journal articles, peer-reviewed conference proceedings, book chapters or books in line with the Unisa Research and Innovation Policy.
- A proven record of supervision of postgraduate students (Masters or Doctoral) to completion.
- Involvement in Engaged Scholarship or Community Engagement.
- Ability to attract external funding.

Recommendations:

- Professional Registration with a relevant professional body (e.g. SACNASP and ECSA).
- Participation in Departmental, Research Institute, School, College and University committees, including workplace committees.
- NRF rating or eligibility to apply for rating.
- Involvement in industry-based research projects.

Professor/ Associate Professor (X1): Fuel Cell Energy

(Ref. CSET/JM/2026/PAP-ICES-FCE-4/New)

Post specific requirements for Professor:

- Doctorate in Chemistry, Chemical Engineering, or equivalent.
- Candidates must have a proven track record in the field of Electrochemistry, Electrochemical Energy Material Design and Application in the field of Fuel Cell Conversion and Devices.
- Experience in Fuel Cell Device Integration and Assembly.
- Minimum of 5 years of academic teaching/work/relevant experience.
- Proven research profile and consistent publication record in journal articles, peer-reviewed conference proceedings, book chapters or books in line with the Unisa Research and Innovation Policy.
- A proven record of supervision of postgraduate students (Masters and Doctoral) to completion.
- Involvement in Engaged Scholarship or Community Engagement.
- A proven record of mentoring junior staff.
- Ability to attract external funding and collaboration with other researchers, both nationally and internationally.

Recommendations:

- Professional Registration with a relevant professional body (e.g. SACNASP and ECSA).
- Participation in Departmental, Research Institute, School, College and University committees, including workplace committees.
- NRF rating or eligibility to apply for rating.
- Involvement in industry-based research projects.

Post specific requirements for Associate Professor:

- Doctorate in Chemistry, Chemical Engineering, or equivalent.
- Candidates must have a proven track record in the field of Electrochemistry, Electrochemical Energy Material Design and Application in the field of Fuel Cell Conversion and Devices.
- Experience in Fuel Cell Device Integration and Assembly.
- Minimum of 4 years of academic teaching/work/relevant experience.
- Proven research profile and consistent publication record in journal articles, peer-reviewed conference proceedings, book chapters or books in line with the Unisa Research and Innovation Policy.
- A proven record of supervision of postgraduate students (Masters or Doctoral) to completion.
- Involvement in Engaged Scholarship or Community Engagement.
- Ability to attract external funding.

Recommendations:

- Professional Registration with a relevant professional body (e.g. SACNASP and ECSA).
- Participation in Departmental, Research Institute, School, College and University committees, including workplace committees.
- NRF rating or eligibility to apply for rating.
- Involvement in industry-based research projects.

**COLLEGE OF SCIENCE, ENGINEERING AND TECHNOLOGY
SCHOOL OF SCIENCE
DEPARTMENT OF PHYSICS
FLORIDA-SCIENCE CAMPUS (FLORIDA)
PROFESSOR/ASSOCIATE PROFESSOR X6 PHYSICS**

(ACADEMICS)	CANDIDATES WITH A RESEARCH OR ACADEMIC BACKGROUND
(NON-ACADEMICS)	CANDIDATES FROM INDUSTRY

Full Professor / Associate Professor x2: Experimental Solid-State Physics

(Ref. CSET/JM/2026/PAP-PHY-ESP-5/New)

Post specific requirements Professor:

- A Doctoral degree in Physics with specialization in experimental solid-state physics.
- A minimum of 5 years of relevant experience in teaching and curriculum development for Physics at both undergraduate and postgraduate levels in a tertiary institution.
- A proven research profile and consistent publication record in DHET accredited and reputable peer-reviewed journals, conference proceedings, book chapters, or books in line with the Unisa Research and Innovation Policy at this level.
- Record of successful supervision of Masters and Doctoral students to completion.
- Evidence of mentoring junior staff members and success in securing external research funding.

Field of Expertise:

- The candidate must have expertise in the field of experimental solid-state physics.

Recommendations:

- Experience with teaching and learning in an ODeL environment.
- Industrial or government collaborations.
- NRF rating or proof of application for NRF rating will be an advantage.
- Registration with relevant professional body

Post specific requirements Associate Professor:

- A Doctoral degree in Physics with specialization in experimental solid-state physics.
- A minimum of 4 years of relevant experience in teaching and curriculum development for Physics at both undergraduate and postgraduate levels in a tertiary institution.
- A proven research profile and consistent publication record in DHET accredited and reputable peer-reviewed journals, conference proceedings, book chapters, or books in line with the Unisa Research and Innovation Policy at this level.
- Record of successful supervision of Masters or Doctoral student(s) to completion.
- Evidence of mentoring junior staff members and success in securing research grants.

Field of Expertise:

- The candidate must have expertise in the field of experimental solid-state physics.

Recommendations:

- Experience with teaching and learning in an ODeL environment.
- Industrial or government collaborations.
- NRF rating or proof of application for NRF rating will be an advantage.
- Registration with relevant professional body

Full Professor / Associate Professor ×1: Theoretical Solid-State Physics

(Ref.CSET/JM/2026/PAP-PHY-TSP-6/New)

Post specific requirements Professor:

- A Doctoral degree in Physics with specialization in theoretical solid-state physics.
- A minimum of 5 years of relevant experience in teaching and curriculum development for Physics at both undergraduate and postgraduate levels in a tertiary institution.
- A proven research profile and consistent publication record in DHET accredited and reputable peer-reviewed journals, conference proceedings, book chapters, or books in line with the Unisa Research and Innovation Policy at this level.
- Record of successful supervision of Masters and Doctoral students to completion.
- Evidence of mentoring junior staff members and success in securing external research funding.

Field of Expertise:

- The candidate must have expertise in the field of theoretical solid-state physics.

Recommendations:

- Experience with teaching and learning in an ODeL environment.
- Industrial or government collaborations.
- NRF rating or proof of application for NRF rating will be an advantage.
- Registration with relevant professional body

Post specific requirements Associate Professor:

- A Doctoral degree in Physics with specialization in theoretical solid-state physics.
- A minimum of 4 years of relevant experience in teaching and curriculum development for Physics at both undergraduate and postgraduate levels in a tertiary institution.
- A proven research profile and consistent publication record in DHET accredited and reputable peer-reviewed journals, conference proceedings, book chapters, or books in line with the Unisa Research and Innovation Policy at this level.
- Record of successful supervision of Masters or Doctoral student(s) to completion.
- Evidence of mentoring junior staff members and success in securing research grants.

Field of Expertise:

- The candidate must have expertise in the field of theoretical solid-state physics.

Recommendations:

- Experience with teaching and learning in an ODeL environment.
- Industrial or government collaborations.
- NRF rating or proof of application for NRF rating will be an advantage.
- Registration with relevant professional body

Full Professor / Associate Professor ×1: Computational Solid-State Physics

(Ref.CSET/JM/2026/PAP-PHY-CSP-7/New)

Post specific requirements Professor:

- A Doctoral degree in Physics with specialization in computational solid-state physics
- A minimum of 5 years of relevant experience in teaching and curriculum development for Physics at both undergraduate and postgraduate levels in a tertiary institution.
- A proven research profile and consistent publication record in DHET accredited and reputable peer-reviewed journals, conference proceedings, book chapters, or books in line with the Unisa Research and Innovation Policy at this level.
- Record of successful supervision of Masters and Doctoral students to completion.
- Evidence of mentoring junior staff members and success in securing external research funding.

Field of Expertise:

- The candidate must have expertise in the field of computational solid-state physics.

Recommendations:

- Experience with teaching and learning in an ODeL environment.
- Industrial or government collaborations.
- NRF rating or proof of application for NRF rating will be an advantage.
- Registration with relevant professional body
- Advanced programming skills in any scientific programming language and competence in machine learning.
- Ability to simulate experiments and provide computational support and modelling for the experimental group.

Post specific requirements Associate Professor:

- A doctoral degree in Physics with specialization in computational solid-state physics.
- A minimum of 4 years of relevant experience in teaching and curriculum development for Physics at both undergraduate and postgraduate levels in a tertiary institution.
- A proven research profile and consistent publication record in DHET accredited and reputable peer-reviewed journals, conference proceedings, book chapters, or books in line with the Unisa Research and Innovation Policy at this level.
- Record of successful supervision of Masters or Doctoral student(s) to completion.
- Evidence of mentoring junior staff members and success in securing research grants.

Field of Expertise:

- The candidate must have expertise in the field of computational solid-state physics.

Recommendations:

- Experience with teaching and learning in an ODeL environment.
- Industrial or government collaborations.
- NRF rating or proof of application for NRF rating will be an advantage.
- Registration with relevant professional body
- Advanced programming skills in any scientific programming language and competence in machine learning.
- Ability to simulate experiments and provide computational support and modelling for the experimental group.

Full Professor / Associate Professor x1: Nuclear Physics

(Ref. CSET/JM/2026/PAP-PHY-NP-8/New)

Post specific requirements Professor:

- A doctoral degree in Physics with specialization in nuclear physics.
- A minimum of 5 years of relevant experience in teaching and curriculum development for nuclear physics at both undergraduate and postgraduate levels in a tertiary institution.
- A proven research profile and consistent publication record in DHET accredited and reputable peer-reviewed journals, conference proceedings, book chapters, or books in line with the Unisa Research and Innovation Policy at this level.
- Record of successful supervision of Masters and Doctoral students to completion.
- Evidence of mentoring junior staff members and success in securing external research funding.

Field(s) of Expertise:

- The candidate must have expertise in the field of nuclear physics.

Recommendations:

- Experience with teaching and learning in an ODeL environment.
- Industrial or government collaborations.
- NRF rating or proof of application for NRF rating will be an advantage.
- Registration with relevant professional body

Post specific requirements Associate Professor:

- A doctoral degree in Physics with specialization in nuclear physics.
- A minimum of 4 years of relevant experience in teaching and curriculum development for nuclear physics at both undergraduate and postgraduate levels in a tertiary institution.
- A proven research profile and consistent publication record in DHET accredited and reputable peer-reviewed journals, conference proceedings, book chapters, or books in line with the Unisa Research and Innovation Policy at this level.
- Record of successful supervision of Masters or Doctoral student(s) to completion.
- Evidence of mentoring junior staff members and success in securing research grants.

Field(s) of Expertise:

- The candidate must have expertise in the field of nuclear physics.

Recommendations:

- Experience with teaching and learning in an ODeL environment.
- Industrial or government collaborations.
- NRF rating or proof of application for NRF rating will be an advantage.
- Registration with relevant professional body

Full Professor / Associate Professor x1: Physics

(Ref. CSET/JM/2026/PAP-PHY-P-9/New)

Post specific requirements Professor:

- A Doctoral degree in Physics or equivalent with specialization in electronics.
- A minimum of 5 years of relevant experience in teaching and curriculum development for physics at both undergraduate and postgraduate levels in a tertiary institution.
- A proven research profile and consistent publication record in DHET accredited and reputable peer-reviewed journals, conference proceedings, book chapters, or books in line with the Unisa Research and Innovation Policy at this level.
- Record of successful supervision of Masters and Doctoral students to completion.
- Evidence of mentoring junior staff members and success in securing external research funding.

Field (s) of Expertise:

- The candidate must have demonstrated expertise in bridging academia and industry through translational physics research.
- The candidate must have demonstrated expertise in instrumentation and automation.

Recommendations:

HOW TO APPLY: See last page of advertisement

- Experience with teaching and learning in an ODeL environment.
- Industrial or government collaborations.
- NRF rating or proof of application for NRF rating will be an advantage.
- Registration with relevant professional body
- Ability to demonstrate prototype development and technology commercialization.

Post specific requirements Associate Professor:

- A Doctoral degree in Physics or equivalent with specialization in electronics.
- A minimum of 4 years of relevant experience in teaching and curriculum development for Physics at both undergraduate and postgraduate levels in a tertiary institution.
- A proven research profile and consistent publication record in DHET accredited and reputable peer-reviewed journals, conference proceedings, book chapters, or books in line with the Unisa Research and Innovation Policy at this level.
- Record of successful supervision of Masters or Doctoral student(s) to completion.
- Evidence of mentoring junior staff members and success in securing research grants.

Field (s) of Expertise:

- The candidate must have demonstrated expertise in bridging academia and industry through translational physics research.
- The candidate must have demonstrated expertise in instrumentation and automation.

Recommendations:

- Experience with teaching and learning in an ODeL environment.
- Industrial or government collaborations.
- NRF rating or proof of application for NRF rating will be an advantage.
- Registration with relevant professional body

COLLEGE OF SCIENCE, ENGINEERING AND TECHNOLOGY

SCHOOL OF ENGINEERING

DEPARTMENT OF STATISTICS

SCIENCE CAMPUS (FLORIDA)

FULL PROFESSOR/ ASSOCIATE PROFESSOR X1

ASSOCIATE PROFESSOR X2

(ACADEMICS)	CANDIDATES WITH A RESEARCH OR ACADEMIC BACKGROUND
(NON-ACADEMICS)	CANDIDATES FROM INDUSTRY

Full Professor / Associate Professor x1: Statistics

(Ref.CSET/JM/2026/PAP-STATS-10/New)

Post specific requirements for Professor:

- A Doctoral degree in Statistics or any related field of study.
- Candidates should have a background in Mathematical Statistics from their undergraduate and Honours or equivalent degrees.
- Proven research profile and consistent publication record in accredited journals, peer-reviewed conference proceedings, books or book chapters in line with the Unisa Research and Innovation Policy.
- A proven record of supervision of postgraduate Masters and Doctoral students to completion.
- Proven experience and record of community engagement/scholarship.
- Minimum of 5 years relevant experience in the teaching and curriculum development of Mathematical or Statistics modules at undergraduate and postgraduate levels at a tertiary institution.
- Evidence of mentoring junior staff members and success in securing external funding

Field of Expertise:

- Mathematical Statistics or Statistics modules at all levels.
- Specialization in at least one of the following fields will be an advantage: Bayesian Statistics, Spatial Statistics, Data Science

Recommendations:

- Experience in online teaching environment.
- NRF rating or proof of application for NRF rating.

Post specific requirements for Associate Professor:

- A Doctoral degree in Statistics or any related field of study.
- Candidates should have a background in Mathematical Statistics from their undergraduate and Honours or equivalent degrees.
- Proven research profile and consistent publication record in accredited journals, peer-reviewed conference proceedings, books or book chapters in line with the Unisa Research and Innovation Policy.
- A proven record of supervision of postgraduate Masters and Doctoral students to completion.
- Proven experience and record of community engagement/scholarship.
- Minimum of 4 years relevant experience in the teaching and curriculum development of Mathematical or Statistics modules at undergraduate and postgraduate levels at a tertiary institution.
- A proven record of supervision of postgraduate Masters or Doctoral students to completion.

Field of Expertise:

- Mathematical Statistics or Statistics modules at all levels.
- Specialization in at least one of the following fields will be an advantage: Bayesian Statistics, Spatial Statistics, Data Science

Recommendations:

- Experience in online teaching environment.
- NRF rating or proof of application for NRF rating.

Associate Professor X2: Statistics

(Ref.CSET/JM/2026/AP-STATS-11/New)

Post specific requirements for Associate Professor:

- A Doctoral degree in Statistics or any related field of study.
- Candidates should have background in Mathematical Statistics (or Mathematics and Statistics) from their undergraduate and Honours or equivalent degrees.
- Proven research profile and consistent publication record in accredited journals, peer-reviewed conference proceedings, books or book chapters in line with the Unisa Research and Innovation Policy.
- Proven experience and record of community engagement/scholarship.
- Minimum of 4 years relevant experience in the teaching and curriculum development of Mathematical or Statistics modules at undergraduate and postgraduate levels at a tertiary institution.
- A proven record of supervision of postgraduate Masters or Doctoral students to completion.

Field of Expertise:

Mathematical Statistics or Statistics modules at all levels.

Recommendations:

- Specialization in at least one of the following fields will be an advantage: Bayesian Statistics, Spatial Statistics, Data Science.
- Experience in online teaching environment.
- NRF rating or proof of application for NRF rating is an added advantage.

COLLEGE OF SCIENCE, ENGINEERING AND TECHNOLOGY

SCHOOL OF ENGINEERING

DEPARTMENT OF CHEMISTRY

SCIENCE CAMPUS (FLORIDA)

FULL PROFESSOR/ ASSOCIATE PROFESSOR: ORGANIC CHEMISTRY X1

FULL PROFESSOR/ ASSOCIATE PROFESSOR: POLYMER CHEMISTRY X1

SENIOR LECTURER: ANALYTICAL CHEMISTRY X1

SENIOR LECTURER: INORGANIC CHEMISTRY X1

**(ACADEMIC CANDIDATES WITH A RESEARCH OR ACADEMIC
(NON-ACADEMICS) CANDIDATES FROM**

Full Professor / Associate Professor X1: Organic Chemistry

(Ref.CSET/JM/2026/PAP-CHEM-OC-12/New)

Post specific requirements for Full Professor:

- A Doctoral degree in Chemistry with specialization in Organic Chemistry.
- Candidates should hold both undergraduate and postgraduate degrees in Chemistry.
- Minimum of 5 years relevant experience in the teaching and curriculum development of Organic Chemistry at undergraduate and postgraduate levels at a tertiary institution.
- A proven research profile and consistent publication record in peer-reviewed conference proceedings, journals, book chapters or books in line with the Unisa Research and Innovation Policy at this level.
- Record of successful supervision of MSc and PhD students to completion.
- Evidence of success in securing external research funding.
- Evidence of mentoring junior academic staff members.

Field of Expertise:

- Research in the following field:
 - Organic Chemistry

Recommendations:

- Experience with teaching and learning in an ODeL environment.
- Industrial or government collaborations.
- NRF rated scientist.

Post specific requirements for Associate Professor:

- A Doctoral degree in Chemistry with specialization in Organic Chemistry.
- Candidates should hold both undergraduate and postgraduate degrees in Chemistry.
- Minimum of 4 years relevant experience in the teaching and curriculum development of Organic Chemistry at undergraduate and postgraduate levels at a tertiary institution.
- A proven research profile and consistent publication record in peer-reviewed conference proceedings, journals, book chapters or books in line with the Unisa Research and Innovation Policy at this level.
- Record of successful supervision of MSc and/or PhD students to completion.
- Evidence of success in securing research funding.

Field of Expertise:

- Research in the following field:
 - Organic Chemistry

Recommendations:

- Experience with teaching and learning in an ODeL environment.
- Industrial or government collaborations.
- NRF rated scientist

Full Professor / Associate Professor X1: Polymer Chemistry

(Ref.CSET/JM/2026/PAP-CHEM-PC-13/New)

Post specific requirements for Professor:

- A Doctoral degree in Chemistry with specialization in Polymer Chemistry.
- Candidates should hold both undergraduate and postgraduate degrees in Chemistry.
- Minimum of 5 years relevant experience in the teaching and curriculum development of Polymer Chemistry at undergraduate and postgraduate levels at a tertiary institution.
- A proven research profile and consistent publication record in peer-reviewed conference proceedings, journals, book chapters or books in line with the Unisa Research and Innovation Policy at this level.
- Record of successful supervision of MSc and PhD students to completion.
- Evidence of success in securing external research funding.
- Evidence of mentoring junior academic staff members.

Field of Expertise:

- Research in the following field:
 - Polymer Chemistry

Recommendations:

- Experience with teaching and learning in an ODeL environment.
- Industrial or government collaborations.
- NRF rated scientist.

Post specific requirements for Associate Professor:

- A Doctoral degree in Chemistry with specialization in Polymer Chemistry.
- Candidates should hold both undergraduate and postgraduate degrees in Chemistry.
- Minimum of 4 years relevant experience in the teaching and curriculum development of Polymer Chemistry at undergraduate and postgraduate levels at a tertiary institution.
- A proven research profile and consistent publication record in peer-reviewed conference proceedings, journals, book chapters or books in line with the Unisa Research and Innovation Policy at this level.
- Record of successful supervision of MSc and/or PhD students to completion.
- Evidence of success in securing research funding.

Field of Expertise:

- Research in the following field:
 - Polymer Chemistry

Recommendations:

- Experience with teaching and learning in an ODeL environment.
- Industrial or government collaborations.
- NRF rated scientist.

Senior Lecturer X1: Analytical Chemistry

(Ref.CSET/JM/2026/SL-CHEM-AC-14/New)

Post specific requirements for Senior Lecturer:

- A Doctoral degree in Chemistry with specialization in Analytical Chemistry.
- Candidates should hold both undergraduate and postgraduate degrees in Chemistry.
- Minimum of 3 years relevant experience in the teaching and curriculum development of Analytical Chemistry at undergraduate level at a tertiary institution.
- A proven research profile and consistent publication record in peer-reviewed conference proceedings, journals, book chapters or books in line with the Unisa Research and Innovation Policy at this level.

Field of Expertise:

- Research of the following field:
 - Fundamentals of method development.

Recommendations:

- Development or engagement in the scholarship of teaching and learning.
- Experience with teaching and learning in an ODeL environment.
- Record of successful supervision of Honours students to completion.

Senior Lecturer X1: Inorganic Chemistry

(Ref.CSET/JM/2026/SL-CHEM-IC-15/New)

Post specific requirements Senior Lecturer:

- A Doctoral degree in Chemistry with specialization in Inorganic chemistry.
- Candidates should hold both undergraduate and postgraduate degrees in Chemistry.
- Minimum of 3 years relevant experience in the teaching and curriculum development of Inorganic Chemistry at undergraduate level at a tertiary institution.
- A proven research profile and consistent publication record in peer-reviewed conference proceedings, journals, book chapters or books in line with the Unisa Research and Innovation Policy at this level.

Field Requirements:

- Research in the following field:
 - Bioinorganic Chemistry

Recommendations:

- Experience with teaching and learning in an ODeL environment.
- Record of successful supervision of Honours students to completion.

Salary : Remuneration is commensurate with the seniority of the position

Assumption of duty : As soon as possible.

Enquiries : **011 670 9081 Mr MJ Maano**
011 670 9237 Mr TA Masego

Closing Date : **11 September 2026** (*Email application before close of business at 16:00*).

APPLICATIONS TO BE FORWARDED AS FOLLOWS:

Applications should all be forwarded to:

CSET2PA@unisa.ac.za

Your [APPLICATION FORM FOR A PERMANENT ACADEMIC POST.docx](#) must be accompanied by a COMPREHENSIVE CURRICULUM VITAE and;

- identity document (*including passport, work permit, permanent residence permit or proof of nationalisation if applicable*) (certified copies within the previous six months);
- all educational qualifications (certified copies within the previous six months).
- academic transcripts/records (certified copies within the previous six months);
- proof of SAQA verification for foreign qualifications (*if applicable*) (certified copies within the previous six months)
- **for ACADEMIC POSITIONS** a teaching statement (refer to page 1 of advertisement).
- UNISA reserves the right to authenticate all qualifications without any further consent from the applicant.
- The contact details of three contactable references must be provided, one of which must be from your present employer excluding your current line manager if you are an internal Unisa applicant
- **Late, incomplete and incorrect applications will not be considered.**
- Unisa is not obliged to fill an advertised position
- *Appointments will be made in accordance with Unisa's Employment Equity Plan and other applicable legislation.*



- **We welcome applications from Persons with Disabilities**

ACTIVITY:



- **If you apply for more than one position, each application must be on a separate email.**
- **Applications emailed to the wrong email address will not be considered.**
- **Late, incomplete and incorrect applications will not be considered.**

All applications should reach UNISA before 16h00 on the closing date.

Correspondence will be limited to short-listed candidates only. If you have not been contacted within two months after closing date of this advertisement, please accept that your application was not successful.