



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](#)

ACTIVITY:



FOR MORE INFORMATION ON ACADEMIC POSITIONS (LEVELS) OPEN THE LINK OF THE POSITION YOU WHISH TO APPLY FOR:



The following positions exist in the various departments:

**COLLEGE OF SCIENCE, ENGINEERING AND TECHNOLOGY
SCHOOL OF SCIENCE
DEPARTMENT OF CHEMISTRY FLORIDA-
SCIENCE CAMPUS (FLORIDA)
PROFESSOR/ ASSOCIATE PROFESSOR (P4/P5) X1: CHEMISTRY**

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

Professor/Associate Professor P4 (X1): Chemistry (Ref.CSET/JM/New/Chem-P.AP/11-2025)

Post specific requirements for a Professor:

- A Doctoral degree in Chemistry with specialization in Organic 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 postgraduate dissertations and thesis of MSc and PhD students to completion.
- Evidence of success in securing external research funding.

Field of Expertise:

- A record of accomplishment in the field of Organic Chemistry, with specialization in organic synthesis.

Recommendations:

- Experience with teaching and learning in an ODeL environment.
- Active academic citizenship roles.
- Proven record of international collaborations.
- Experience in multidisciplinary research activities.
- Industrial or government collaborations.
- NRF rated scientist.
- Evidence of mentoring junior staff members and leadership in community engagement projects.
- Registration with a professional body such as SACNASP.

Post specific requirements for an Associate Professor:

- A Doctoral degree in Chemistry with specialization in Organic 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 postgraduate dissertations and/or thesis of MSc and/or PhD students to completion.
- Evidence of success in securing external research funding.

Field of Expertise:

- A record of accomplishment in the field of Organic Chemistry, with specialization in organic synthesis.

Recommendations:

- Experience with teaching and learning in an ODeL environment.
- Active academic citizenship roles.
- Record of international collaborations.
- Participation in multidisciplinary research activities.
- Industrial or government collaborations.
- NRF rated scientist.
- Participation in community engagement activities.
- Registration with a professional body such as SACNASP.

**The University of South Africa, in collaboration with the Department
of Higher Education and Training (DHET) seeks to appoint
academics as part of the New Generation of Academics' Programme
(nGAP) in the**

**COLLEGE OF SCIENCE, ENGINEERING AND TECHNOLOGY
SCHOOL OF SCIENCE
DEPARTMENT OF CHEMISTRY
FLORIDA-SCIENCE CAMPUS
nGAP LECTURERS (P7) X3: CHEMISTRY**

**on a full-time basis with a contractual obligation to participate
successfully in the Staffing South Africa's Universities' Framework
(SSAUF) Development Programme from 2025 to 2031.**

To be eligible for selection for an nGAP position, applicants must meet the following criteria:

- Demonstrate commitment to becoming an academic.
- Be 40 years or younger.
- Be a South African citizen.
- Prospective candidates should have achieved an average of 70% or above in a master's degree (evidence to be included in application).
- Be willing to commit to placement at the appointing university for the full 6 years of the programme.

nGAP Lecturer P7 (X1): Organic Chemistry (Ref.CSET/JM/New-OC/nGAP-L/22-2025)

Post specific requirements for Lecturer:

- A master's degree in chemistry with specialization in Organic Chemistry.
- Proof of registration or intention to register for a Doctoral degree. (Drafted research proposal to accompany application).
- A minimum of 1 year relevant teaching/academic student support experience.
- Must be a female.
- Record of participation in community engagement activities.
- Evidence of academic citizenship, e.g. participation in departmental, school, college, university committees, workplace committees or task teams and voluntary associations, etc. (academia)
OR evidence of participation in workplace committees or task teams and voluntary associations, etc. (other than academia).

Recommendations:

- Experience with teaching and learning in an ODeL environment.
- Evidence in attracting external funding.
- PhD qualification in chemistry with specialization in Organic Chemistry
- Evidence of research profile.

Development statement:

The applicant must attach a short development statement (max 1000 words) to their application specified as follows:

Please include in your application a short summary of how you intend to approach this development opportunity by considering the following:

- Commitment to complete your formal qualification.
- Managing workload (teaching, community engagement, academic citizenship and PhD studies/research).
- Participation in mentoring programmes.
- Participation in short courses on research and teaching development.

This statement can be supported by relevant evidence to demonstrate your commitment towards completing this programme.

nGAP Lecturer P7 (X1): Physical Chemistry (Ref.CSET/JM/New-PC/nGAP-L/33-2025)**Post specific requirements for Lecturer:**

- A master's degree in chemistry with specialization in Physical Chemistry.
- Proof of registration or intention to register for a Doctoral degree. (Drafted research proposal to accompany application).
- A minimum of 1 year relevant teaching/academic student support experience.
- Must be a black female.
- Record of participation in community engagement activities.
- Evidence of academic citizenship, e.g. participation in departmental, school, college, university committees, workplace committees or task teams and voluntary associations, etc. (academia) OR evidence of participation in workplace committees or task teams and voluntary associations, etc. (other than academia).

Recommendations:

- Experience with teaching and learning in an ODeL environment.
- Evidence in attracting external funding.
- PhD qualification in chemistry with specialization in Physical Chemistry
- Evidence of research profile.

Development statement:

The applicant must attach a short development statement (max 1000 words) to their application specified as follows:

Please include in your application a short summary of how you intend to approach this development opportunity by considering the following:

- Commitment to complete your formal qualification.
- Managing workload (teaching, community engagement, academic citizenship and PhD studies/research).
- Participation in mentoring programmes.
- Participation in short courses on research and teaching development.

This statement can be supported by relevant evidence to demonstrate your commitment towards completing this programme.

Post specific requirements for Lecturer:

- A master's degree in chemistry with specialization in Analytical Chemistry.
- Proof of registration or intention to register for a Doctoral degree. (Drafted research proposal to accompany application).
- A minimum of 1 year relevant teaching experience.
- Record of participation in community engagement activities.
- Evidence of academic citizenship, e.g. participation in departmental, school, college, university committees, workplace committees or task teams and voluntary associations, etc. (academia)
OR evidence of participation in workplace committees or task teams and voluntary associations, etc. (other than academia).

Recommendations:

- Experience with teaching and learning in an ODeL environment.
- Evidence in attracting external funding.
- PhD qualification in chemistry with specialization in Analytical Chemistry
- Evidence of research profile.

Development statement:

The applicant must attach a short development statement (max 1000 words) to their application specified as follows:

Please include in your application a short summary of how you intend to approach this development opportunity by considering the following:

- Commitment to complete your formal qualification.
- Managing workload (teaching, community engagement, academic citizenship and PhD studies/research).
- Participation in mentoring programmes.
- Participation in short courses on research and teaching development.

This statement can be supported by relevant evidence to demonstrate your commitment towards completing this programme.

COLLEGE OF SCIENCE, ENGINEERING AND TECHNOLOGY
SCHOOL OF COMPUTING
CENTRE FOR AUGMENTED INTELLIGENCE AND DATA SCIENCE (CAIDS)
SCIENCE CAMPUS (FLORIDA)
PROFESSOR X1 (P5): MACHINE LEARNING

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

Through research, CAIDS integrates Artificial Intelligence and Data Science into key areas, such as medicine, education, and renewable energy, to directly contribute to shaping a future where these technologies serve the communities across Africa and globally. CAIDS, therefore, values the potential for AI technologies to break down language and cultural barriers by providing accessible and personalised services that cater to diverse needs, thus aligning with Unisa's vision of transcending such barriers and serving every country on the African continent.

Professor/Associate Professor P5 (X1): Machine Learning (Ref.CSET/JM/New-ML/CAIDS-L/55-2025)

Qualifications:

- A Doctorate degree or equivalent in Computer Science or related field

Requirements for Professor:

- Candidate must have a proven track record in the field of Machine Learning, specifically applied to at least two of these areas, Deep Learning, Education Technologies, Cybersecurity, Healthcare Systems, AI monitoring of wastewater treatment plants.
- Candidate must have a 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 supervision of postgraduate Master's and Doctoral students to completion or appropriate industry experience will be considered.
- Involvement in industry-based research, engaged scholarship and a proven record of attracting external funding.

Recommendations:

- NRF rating.
- A proven track record of successful mentoring of Postdoctoral Fellows.

Requirements for Associate Professor:

- Candidate must have a proven track record in the field of Machine Learning, specifically applied to at least two of these areas, Deep Learning, Education Technologies, Cybersecurity, Healthcare Systems, AI monitoring of wastewater treatment plants.
- Candidate must have a 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 supervision of postgraduate master's students to completion or appropriate industry experience will be considered.
- Involvement in industry-based research, engaged scholarship and the ability to attract external funding.

Recommendations:

- NRF rating.
- A proven track record of successful mentoring of Postdoctoral Fellows.

Salary	:	Remuneration is commensurate with the seniority of the position
Assumption of duty	:	As soon as possible
Enquiries	:	Mr J Maano – 011 670 9081 Mr TA Masego – 011 670 9237
Closing Date	:	01 August 2025 (Email application before close of business at 16:00).

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:

- Applications must be emailed to CSET2PA@unisa.ac.za
- 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.