



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](#)



The following positions exist in the various departments:

COLLEGE OF SCIENCE, ENGINEERING AND TECHNOLOGY
SCHOOL OF ENGINEERING
DEPARTMENT OF CHEMICAL AND MATERIALS
ENGINEERING
SCIENCE CAMPUS (FLORIDA)
PROFESSOR/ ASSOCIATE PROFESSOR (P5/P6) X1
ASSOCIATE PROFESSOR (P6) X1

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

Professor/ Associate Professor (X1): Chemical and Materials Engineering (Ref.22-2024/CSET/New/P.AP-ChE)

Post specific requirements Full Professor.

- A Doctoral degree in Chemical Engineering or equivalent plus experience/track record as a researcher for a position of Full Professor.
- A BSc (Eng) or BEng in Chemical Engineering, or a BTech in Chemical Engineering.
- Professional Registration with ECSA or registration in progress.
- 5 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.
- A proven record of supervision of postgraduate Master's and Doctoral students to completion.

Field of Expertise for this position:

The candidate must have expertise in at least one of the following research areas:

- Water treatment, Process Design, Circular Economy, Green Economy, Waste Valorisation

Recommendations:

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

Post specific requirements Associate Professor.

- A Doctoral degree in Chemical Engineering or equivalent plus experience/track record as a researcher for a position of Associate Professor
- A BSc (Eng) or BEng in Chemical Engineering, or a BTech in Chemical Engineering
- A proven record of supervision of master's OR Doctoral candidates to completion
- Professional Registration with ECSA or registration in progress.
- 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 for this position:

The candidate must have expertise in at least one of the following research areas:

- Water treatment, Process Design, Circular Economy, Green Economy, Waste Valorisation

Recommendations:

- NRF rating or eligibility to apply for rating.
- Evidence of research grants obtained or applied for

- Experience with reflexive/ODL research
- Participation in departmental, school, college and University committees including workplace committees or task teams and voluntary associations.
- Participation in community engagement projects

Associate Professor (X1): Chemical and Materials Engineering (Ref.33-2024/CSET/New/AP-ChE)

Post specific requirements Associate Professor.

- A Doctoral degree in Chemical Engineering or equivalent plus experience/track record as a researcher for a position of Associate Professor.
- A BSc (Eng) or BEng in Chemical Engineering, or a BTech in Chemical Engineering.
- A proven record of supervision of master's OR Doctoral candidates to completion.
- Professional Registration with ECSA or registration in progress.
- 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 for this position:

The candidate must have expertise in at least one of the following research areas:

- Water treatment, Process Design, Circular Economy, Green Economy, Waste Valorisation

Recommendations:

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

Salary : Remuneration is commensurate with the seniority of the position

Assumption of duty : As soon as possible.

Enquiries : 011 670 9081 Mr J Maano

Closing Date : 13 September 2024 (Email application before close of business at 16:00).

Your **APPLICATION FORM FOR A PERMANENT ACADEMIC POST** 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.