



**Tshwane University
of Technology**

We empower people

The Department of Pharmaceutical Sciences, in the Faculty of Sciences requires the services of a part-time Academic technologist for the Bachelor of Pharmacy, Advanced Diploma in Pharmaceutical Sciences and Post Graduate Diploma Pharmaceutical Sciences programmes

Key performance areas/Core functions:

- Conduct practical classes for undergraduate and advanced and postgraduate diploma level students without lecturer supervision
- Supervise undergraduate research projects
- Compiling a practical study guide and manuals
- Setting and marking of assessments and enter marks on ITS
- Using the institutional Learning Management System (LMS)
- Ensuring that students are adhering to safety regulations when working in a laboratory
- Membership where required of a professional body or association.
- Be abreast of the latest technological and industry advances and requirements.
- Ordering of all consumables required for practical skills sessions and manage inventory of reagents (record-keeping) and collaborate with external service providers
- Record keeping of departmental inventory of equipment and assets
- Attaining and maintaining ISO/ICE laboratory accreditation
- Occupational Health and Safety management in the laboratory
- Safety management, inspections, and regular safety risk assessments
- Participate in Departmental (teaching and learning and research) meetings and represent the Department at Faculty committee meetings where applicable (e.g. FCPS, SHE)
- Use and conduct general laboratory maintenance of pharmaceutical and analytical equipment including but not limited to spectroscopic (NIR, MIR, UV) and chromatographic equipment (HPLC, UPLC, GC-MS, LC-MS, TLC/HPTLC), advanced drug delivery techniques and qualifies equipment and validates methods
- Process analytical data for statistical or regression analysis
- Participation in program development and curriculum design for simulated WIL, practical and laboratory sessions, at undergraduate and postgraduate diploma level
- Conduct research independently, as part of a team or under supervision and produce research and innovation outputs.
- Create, select, apply and recognise the limitations of appropriate analytical techniques to complex problems
- Conduct investigations of complex problems using research methods including research-based knowledge, design of experiments, analysis, interpretation of data and synthesis of information to provide valid conclusions.
- Recognise the need for investing in AI to promote life-long learning, adaptability to new and emerging technologies and critical thinking in the broadest context of technological change
- Participation in discipline-specific events and activities (Conferences, symposia and colloquia).
- Participation in community-based projects, initiating and leading community-based projects where the impact is measured by how much students actively participate in such structured programmes.

Minimum requirements:

Academic qualifications:

- A Bachelor's degree in Pharmacy, Chemistry or related discipline
- A Master's degree in Pharmaceutical Sciences, Chemistry or related discipline

Experience:

- At least 3 years teaching and/or research experience at a tertiary institution and/or industry related experience
- Using the analytical laboratory equipment listed above in industry or an academic environment
- Experience working in an ISO accredited laboratory would be an advantage
- Registration with a professional body would be an advantage
- Proficient in written and spoken English
- Computer literate and competent in Microsoft Office and related programmes

Registration with a professional body:

- Registration with a professional body would be an advantage (e.g. SACNASP, SAPC)

Department of Pharmaceutical Sciences
Arcadia Campus

REF: 26/N21

Send your CV, Application form for employment with certified copies of academic record, qualifications, and ID.

**Enquiries: Ms Theresia Matha mathaitp@tut.ac.za /Ms Dineo Mokobode mokobodedm@tut.ac.za
Include: Copy of your certified academic record, qualifications and ID**

Closing date: 11 June 2026

If we have not responded within a Month from the closing date, you should regard your application as unsuccessful. Correspondence will only be entered into with short-listed candidates. The University reserves the right not to make an appointment .