



UNIVERSITY OF THE
WITWATERSRAND,
JOHANNESBURG

FACULTY OF SCIENCE

SCHOOL OF GEOSCIENCES

LABORATORY SCIENTIST

in the

WITS ISOTOPE GEOSCIENCE LABORATORY

GRADE TE 09



Job Summary:

We seek to appoint a Laboratory Scientist in the newly created, state-of-the-art Wits Isotope Geoscience Laboratory. This metal-free, ultra-clean (Class100-10) facility is geared to process geological samples using isotope dilution and ion exchange chromatography for a range of isotopic analyses. The Laboratory Scientist will be responsible for management and daily operation of the laboratory, as well as training of laboratory users and technique development. In addition, the scientist will also be encouraged to advance his or her own research program within the School of Geosciences.

Key Performance Areas:

- General laboratory upkeep and safety, including reagent preparation, procedure evaluation and safety protocol.
- Training all users of the laboratory and ensuring that a safe working environment is maintained.

- Responsibility for technique development.
- Pursue independent research projects and be expected to contribute to the research output of the School.

Key Competencies:

- Efficient, observant and able to pay attention to detail
- Good analytical and organizational skills.
- Excellent communication and training skills.
- Meticulous, well organized.

Minimum Requirements:

- MSc in Geochemistry or Geology or Inorganic Chemistry
- Prior work experience in ultra-clean, metal-free laboratories including processes involving sample digestion, isotope dilution and ion exchange chromatography.
- Experience with the analysis of geological materials, especially for academic purposes.
- Understanding and prior experience in mass spectrometry as applied to academic geoscience research.
- Experience in all types of mineral separation and sample preparation.
- Laboratory management experience.

For more information on the Wits Isotope Geoscience Laboratory, please contact Dr. Grant Bybee and/or visit the Wits Geosciences website (<https://www.wits.ac.za/geosciences/>)

Only applicants who meet the minimum requirements should apply by submitting their cover letter, detailed CV, certified copies of all educational qualifications and identity document with names and e-mail addresses of 3 referees. It is the applicant's responsibility to have foreign qualifications evaluated by the South African Qualifications Authority (SAQA). More information about the School of Geosciences is available on the Wits website.

External applicants are invited to apply by registering their profile on the Wits i-Recruitment platform located at <https://irec.wits.ac.za> and submitting applications. Internal employees are invited to apply directly on Oracle by following the path: iWits /Self Service application/Apply for a job.

The University reserves the right not to make an appointment and continue searching after the closing date and only short-listed candidates will be contacted.

“The University is committed to employment equity. Preference may be given, to appointable applicants from the underrepresented designated groups in terms of the relevant employment equity plan and policies of the University. The University retains the right not to make an appointment and to verify all information provided by the candidate”

Closing date: Thursday, 15 September 2016

Committed to excellence and equity