

The University of KwaZulu–Natal (UKZN) is committed to Employment Equity with the intention to promote representivity within the Institution.

For Lecturer level only, Preference will be given to applicants from the African designated groups.

COLLEGE OF AGRICULTURE, ENGINEERING AND SCIENCE

**RE-ADVERTISEMENT
SENIOR LECTURER/ LECTURER (ECONOMIC GEOLOGY)
SCHOOL OF AGRICULTURAL, EARTH AND ENVIRONMENTAL SCIENCES
WESTVILLE CAMPUS**

REF NO.: AEES04/2015

The School seeks an individual to teach Economic Geology at all levels and to further develop strong links with industry to promote scholarship and research in this field. Courses to be taught will include the geology of ore deposits, ore genesis and ore processing, with practicals in ore mineralogy and ore petrography, including reflected light microscopy. The incumbent will be required to lead a Mines Field Class. S/he will be expected to use curricula in keeping with modern developments and will assist in fostering discipline-wide postgraduate teaching programmes.

S/he will also be required to initiate and maintain an active research programme that will involve postgraduate students and attract external funding. Geological Sciences has a variety of equipment to facilitate research. This includes an analytical laboratory with a JEOL JXA8800 electron microprobe, Panalytical XRF and XRD equipment, a Perkin Elmer Nexion ICP-MS with LA system and a SGE-USGS heating-freezing stage for fluid inclusion studies, a sedimentology laboratory with a Malvern Particle Sizer, and a rock engineering laboratory with a variety of relevant testing equipment. It also offers access to a complete suite of Rocscience programmes.

The incumbent will report to the Academic Leader (Geology).

Minimum Requirements:

Senior Lecturer

- A PhD in Economic Geology or a related field
- Experience in teaching at a tertiary institution
- Evidence of successful post-graduate supervision
- Evidence of consistent research scholarship appropriate for this level as evidenced by publications in ISI/SAPSE-listed journals

Lecturer

- A Masters degree in a relevant area of Economic Geology
- Two years post-Masters research experience
- Current research activity as evidenced by at least one quality publication in a peer-reviewed journal
- Demonstrable ability to teach at a tertiary institution (indicate experience related to full time or part time teaching or assisting with teaching: e.g. being a tutor)

The successful candidate at a Lecturer level will be expected to complete a PhD within 5 years from date of assumption of duty.

This appointment will be made in line with the University Guidelines/benchmarks which are available on the University Vacancies website on <http://vacancies.ukzn.ac.za/Academic-Process-Proc-Guides.aspx>

Enquiries and details regarding this post may be directed to Professor M.K. Watkeys, the Academic Leader: Geological Sciences at watkeys@ukzn.ac.za

Appointment to this post will be on the January 2012 Conditions of Service.

The total remuneration package offered includes benefits.

The closing date for receipt of applications is 28 August 2015.

Applicants are required to complete the relevant application form which is available on the Vacancies website at www.ukzn.ac.za. Completed forms may be sent to Recruitment-aes@ukzn.ac.za. Advertisement Reference Number MUST be clearly stated in the subject line.