

The University of KwaZulu-Natal (UKZN) is committed to meeting the objectives of Employment Equity to improve representivity within the Institution. Preference will be given to applicants from designated groups in accordance with our Employment Equity Plan

COLLEGE OF AGRICULTURE, ENGINEERING AND SCIENCE

**AD HOC LECTURER (HYDROGEOLOGY)
JULY – NOVEMBER 2025
SCHOOL OF AGRICULTURAL, EARTH AND ENVIRONMENTAL SCIENCES
WESTVILLE CAMPUS**

REF. NO.: GEOL01/2025

The successful candidate will lecture in the discipline of Geological Science, which is based at Westville Campus. Duties include, but may not be restricted to, delivering the module HYDRGEOLOGY (GEOL321). Lectures for Hydrogeology cover fundamental concepts in hydrogeology including nature of groundwater and aquifers, principles of groundwater flow, well hydraulics, groundwater exploration, development & management, hydrochemistry and introduction to isotope hydrology, introduction to conceptual hydrogeological modelling. Practicals involve Darcy's experiment, estimation of aquifer parameters including pumping test data analysis, interpretation of hydrochemical and water isotope data and a day long hydrogeology field class. Details of the module content are available on request. S/he should have a good background in Hydrogeology.

The incumbent will report to the Academic Leader: Geological Science

Minimum Requirements:

- Master's degree in Geological Sciences or related field, with a preference in Hydrogeology and/or Engineering Geology.
- Relevant teaching experience in teaching at a tertiary institution.

Enquiries and details regarding this post may be directed to Prof. Molla Demlie, email: demliem@ukzn.ac.za

REMUNERATION: The remuneration package offered will be dependent on the qualifications of the successful applicant, in line with UKZN remuneration for ad hoc lecturers. Rates of pay will be per University fixed-term rates, and official module (Handbook) approved hours for these academic duties.

The structure of this module may be adjusted and may include blended learning and remote teaching (70% contact and 30% Online). However, all practicals and assessments are delivered in contact mode. The successful appointee will be required to fulfil their responsibilities to the teaching programme within these changes.

The closing date for receipt of applications is 15 July, 2025.

Applicants are required to submit a covering letter and CV. The letter must provide details of the candidate's fulfillment of each of the minimum requirements as listed above.

Please e-mail applications to: Mr Sthembiso Rusell Khanyeza, School of Agricultural, Earth and Environmental Sciences, Westville Campus. E-mail: KhanyezaS@ukzn.ac.za

The School and the University reserve the right not to appoint and/or stop the recruitment process at any stage.

Kindly note that the University of KwaZulu-Natal ("the University") is required to process any Personal Information (as defined by the Protection of Personal Act, 2013 "POPIA") submitted by candidates when applying for positions at the University. The provision of the Personal Information is a requirement in terms of the University's recruitment and selection process. The retention of any personal information is as a consequence of the University being bound by legislative requirements and / or good governance practices as well as record keeping for statistical purposes. The University will endeavour to ensure that the appropriate security measures are in place and implemented for both electronic and paper-based formats that are used for processing of the personal information recorded through this recruitment and selection process. We refer you to the University's relevant Section 18 notice at <http://vacancies.ukzn.ac.za/Libraries/General Documents/Section 18 Notice - Employees and Potential Employees.sflb.ashx>