



NGAP LECTURER: CRITICAL MINERALS AND SUSTAINABILITY DEPARTMENT OF GEOLOGICAL SCIENCES FACULTY OF SCIENCE

The University of Cape Town has a strong international reputation in geological and geochemical research and teaching. The Department of Geological Sciences has historic strengths in analytical geochemistry, petrology and mineralogy. Current areas of research interest include the geochemistry, mineral chemistry and texture of rocks and diamonds from the Earth's mantle, the petrology of igneous rocks from the continents and oceans, metamorphic petrology and crustal evolution and economic geology particularly applied to mineral deposits formed in igneous and metamorphic rocks. The department operates a large number of advanced analytical facilities (and supporting laboratories) including; an X-ray fluorescence spectrometer; an electron probe microanalyser; multiple quadrupole, single and multicollector plasma mass spectrometers suitable for elemental and radiogenic isotope analysis and geochronology; and extraction lines and gas source mass spectrometers for the analysis of stable isotope ratios of oxygen, carbon, hydrogen and sulphur. The Department also has strong collaborative links with the Centre for Minerals Research and the Department of Chemical Engineering.

Under the auspices of the New Generation of Academics Programme (nGAP) funded by the Department of Higher Education (DHET), the Department of Geological Sciences is seeking to appoint a **Lecturer** for a full-time permanent position in the field of **Critical Minerals and Sustainability**. In this context, "critical minerals" pertains to minerals and elements (and the deposits from which they are sourced) essential for non-fossil-fuel-based energy systems, carbon dioxide sequestration and/or high-technology applications, with the goal of supporting the just transition to a sustainable economy based on renewable energy sources.

To view and apply for this position, please visit the UCT Jobs site [View](#) (For Internal Applicants) and [View](#) (For external Applicants) to create a profile and to submit your application.

Closing date: 20 April 2026

Reference:

ID 1310

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When you apply for a position at UCT, we collect your personal information to assess your application, communicate with you, and coordinate interview logistics. Information such as race, gender, nationality, and disability status is used to support our Employment Equity obligations. We also verify your references, qualifications, conduct criminal and, for certain roles, credit checks. For more information about how the University of Cape Town uses personal information and your rights, please email popia@uct.ac.za.

The University reserves the right to extend the closing date for applications if deemed necessary and reserves the right to make no appointment.