



CHIEF TECHNICAL OFFICER, DATA SCIENCE AND IT

(Payclass 10; Permanent)

DEPARTMENT OF CIVIL ENGINEERING

FACULTY OF EBE

The Department of Civil Engineering at the University of Cape Town is seeking a highly skilled and motivated **Chief Technical Officer (CTO)—Data Science and IT**. This dynamic role combines teaching support, research facilitation, and technical leadership in the rapidly evolving fields of data science, computing, and digital infrastructure within civil engineering.

The CTO will work closely with academic staff, researchers, and students in the Department of Civil Engineering (0.8 FTE), providing technical expertise in areas such as sensors and sensor networks/IoT, data collection, database management, data analytics, and data visualization as well as support the integration of digital technologies into the civil engineering curriculum. The incumbent will also assist the Faculty Office (0.2 FTE) in the development and maintenance of key software tools, such as the Student Enrolment Advising Tool (SEAT).

This position will be based within the Department of Civil Engineering, and the CTO will collaborate with various internal and external stakeholders, including but not limited to the Department of Computer Science, the Department of Statistical Sciences, ICTS, and the UCT High Performance Computing (HPC) cluster.

For detailed information on this post, please view the job description on the following link: ([View](#))

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: 23 January 2026

Reference:

ID 1101

UCT is a designated employer and is committed to the pursuit of excellence, diversity and redress in achieving its equity targets in accordance with the Employment Equity Plan of the University and its Employment Equity goals and targets. Preference will be given to candidates from the under-represented designated groups. Our Employment Equity Policy is available at www.hr.uct.ac.za/hr/policies/employ_equality

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.