



## LECTURER: PURE OR APPLIED MATHEMATICS (2 POSITIONS)

### DEPARTMENT OF MATHEMATICS AND APPLIED MATHEMATICS

### FACULTY OF SCIENCE

The Department of Mathematics and Applied Mathematics is a large and dynamic department with over thirty permanent academic staff. We seek to make two new appointments in any area of Pure or Applied Mathematics at the level of Lecturer. We are particularly interested in candidates who will complement or strengthen existing areas of research in the Department, which include Algebra, (Functional) Analysis, Category Theory, Classical and Quantum Chaos, Computational Complexity, Cosmology, General Relativity, Graph Theory, Homology, Lie Theory, Mathematics Education, Nonlinear Dynamics, String Theory, and Topology. More details can be found on the department website, [maths.uct.ac.za](http://maths.uct.ac.za).

#### Requirements for these positions:

- A PhD (in Pure Mathematics or Applied Mathematics, or a related field) at the time of appointment,
- A record of research that indicates strong potential in the field, including publications in ISI accredited peer reviewed journals and conference attendance, and,
- Experience lecturing pure or applied mathematics at undergraduate level, including evidence of effectiveness as a teacher, and the ability to teach a range of courses in pure and/or applied mathematics at both introductory and senior undergraduate level (including service courses) and give specialist lectures at Honours (4th year) level.

#### Responsibilities include:

- Developing and teaching undergraduate and postgraduate courses in Mathematics (within and beyond the Faculty of Science).
- Developing and pursuing an active research program, including supervising postgraduate students.
- Course convening, departmental and faculty administrative duties.

The annual remuneration package for 2023, including benefits: **R 853 709**

To apply, please e-mail the below documents in **a single pdf file** to Ms Natasha Khan at [recruitment06@uct.ac.za](mailto:recruitment06@uct.ac.za)

- UCT Application Form (download at <http://forms.uct.ac.za/hr201.doc> )
- a letter of motivation,
- your CV (including a complete list of publications), and,
- clearly articulated (one page) Teaching statement and (up to two pages) Research statement.

with the subject line **"Lecturer Pure or Applied Mathematics"**, followed by the reference number.

<b>Reference number:</b>	E240117
<b>Telephone:</b>	021 650 3469
<b>Closing date:</b>	12 April 2024
<b>Faculty website:</b>	<a href="http://www.science.uct.ac.za">www.science.uct.ac.za</a>
<b>Departmental website:</b>	<a href="http://www.maths.uct.ac.za">www.maths.uct.ac.za</a>

Questions about the position may be addressed to the Head of Department: [mamhod@uct.ac.za](mailto:mamhod@uct.ac.za).

**An application which does not comply with the above requirements will be regarded as incomplete.**

*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.uct.ac.za/downloads/uct.ac.za/about/policies/eepolicy.pdf](http://www.uct.ac.za/downloads/uct.ac.za/about/policies/eepolicy.pdf).*

UCT reserves the right to not appoint.