



Lectureship in Earth Sciences – 3 posts

Further Particulars

This document sets out the following information for the appointment of a Lecturer in Earth Sciences at UCL (ref: 1793257). Three posts are available.

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The Department of Earth Sciences

UCL Earth Sciences is one of the oldest centres for earth and planetary sciences in the UK, situated in Bloomsbury in the heart of London and within minutes of the British Museum, the British Library and the Royal Institution. The Department is now housed in the recently refurbished Kathleen Lonsdale Building (inaugurated by Sir David Attenborough in April 2018). The completion of this £28M project means that we now offer staff and students opportunities to work in state-of-the-art research labs and teaching facilities.

Our Research

The Department pursues world-class research into the processes on and within the Earth and other planets. We seek to understand the Earth's past, present, and future, in terms of the laws of physics, chemistry and biology. We aim to do so across the discipline, spanning the dynamics of the Earth and planets, the materials that compose them and their properties, present and past processes occurring at their surfaces, the evolution of life and the environment, and the applied geosciences of pollution, natural hazards and resources.

In the latest Research Excellence Framework (REF 2013) the UCL Earth Science Department was ranked in the top three Earth and Environmental Science Departments in the UK by REF income per PI, making us the top ranked science department at UCL. The REF panel identified as of particular merit the breadth of our research, and our research into polar environmental change, environmental hazards, palaeoenvironments, crustal dynamics and evolution, and Earth and planetary dynamics and evolution. This is a testament to the quality and depth of our research, and one of which we are particularly proud.

Our People

UCL Earth Sciences has a student body comprising over 160 undergraduates, 50 taught graduate students and 45 research students. The Department has some 40 academic staff, visiting professors, and other visiting academic staff.

Studying in the centre of London

We see our London base as a positive opportunity to draw on the resources of a city that is the UK's centre of government, law, commerce, finance and culture.

London's facilities for study and leisure cannot be matched by any other city in Britain. The British Library and the British Museum are close by, and other great museums and art galleries (the Science Museum, The Natural History Museum, the Victoria and Albert Museum, the Tate and the National Gallery) are within minutes by underground.

UCL staff and students have the best of both worlds: all the fun and fulfilment of a bustling, busy city, with the availability of pastoral peace and tranquillity close at hand. The Times Good University Guide described London as "one of the most exciting cities in the world - the ideal place to be a student".

Job Description

<i>Job Title:</i>	Lecturer in Earth Sciences
<i>Grade:</i>	8
<i>Salary (Inclusive of London Allowance)</i>	£43,884 - £51,769 per annum
<i>Hours:</i>	36.5 hours per week (100% FTE)
<i>Available from:</i>	1st October 2019
<i>Responsible to:</i>	Head of Department
<i>Probation Period:</i>	36 months

The successful candidate will be expected to pursue research of international quality that enhances, complements and/or extends current activity in the Department of Earth Sciences, and to provide academic leadership in the development of their subject area. It is also expected that the post-holder will contribute to all aspects of the academic life of the Department and College.

The role and responsibilities for the post are outlined below.

The Role and its Responsibilities

- 1 **Research:** contribution to the advancement of knowledge by research and scholarship that is world-leading and meets the highest standards of excellence in terms of originality, impact and rigour.
 - To contribute to the advancement of scholarship in the field, through publications and other research activity of international significance and which makes strong impact both in terms of reach and significance.
 - To effectively share the research findings with a range of audiences.
 - Publish regularly in top-ranked journals and participate in or organise national and international conferences and symposia.
 - To seek out, engage in and lead funded research projects and initiatives.
 - To contribute to and enhance the Department's research culture.
- 2 **Learning and Teaching:**
 - To contribute to teaching on undergraduate and postgraduate taught courses offered by the Department, and to develop new modules as appropriate.
 - To provide and supervise research projects for both undergraduate and graduate taught courses.
 - To maintain records to monitor student progress, achievement and attendance.
 - To contribute to curriculum development.
 - To contribute to the assurance and enhancement of teaching quality in the department.
 - To contribute to the recruitment and selection of students at all levels.
- 3 **Knowledge transfer/exchange and engaging communities:**
 - To engage in a range of knowledge transfer or public engagement activities.
- 4 **Enabling:**
 - Contribute to the Department's management or administration in line with responsibilities assigned by the Head of Department.
 - Other significant contribution to the achievement of the Department's and UCL's wider goals and aims, which furthers the discipline, and/or facilitates and enhances the personal contributions of academic colleagues.
 - To attend staff meetings and training as required.

5 ***Staff and Professional Development:***

- Commitment to the pursuit of academic excellence through a continuing academic, professional and personal development.
- To participate in and contribute to staff review and development.
- Such other duties as may reasonably be requested by the Head of Department.

In addition:

- The postholder will be expected to actively follow UCL policies including Equal Opportunities policies.
- The postholder will be expected to maintain an awareness and observation of Fire and Health & Safety Regulations.
- As duties and responsibilities change, this job description will be reviewed and amended in consultation with the postholder.

Person Specification

Applicants will need to show demonstrable scholarship in their field, the ability to teach successfully at higher education level and research in Earth Sciences of a world class level of excellence (REF 4*).

Knowledge

Essential:

- Extensive knowledge and expertise in an area of Earth, Environmental or Planetary Sciences to at least PhD level. The expertise should be at a level appropriate for the conduct of research, publishing new knowledge in leading international research journals, and teaching undergraduate and taught postgraduate courses. This knowledge should be relevant to our target recruitment areas - Sedimentology, Earth resources and Sustainability, Climate Studies and/or Geological Hazards.

Skills

Essential

- Previous experience of teaching at undergraduate or postgraduate level as evidenced by responsibility for preparing and delivering lectures or tutorials or laboratory demonstrations.
- Proven record of ability to manage time and work to strict deadlines.
- Excellent interpersonal, oral and written communication skills.
- Proven record of ability to conduct high quality research which is reflected in the authorship of high quality publications, or other research outputs, in the areas of Earth, Environmental or Planetary Sciences.
- Proven or potential ability to secure substantial research funding from external sources as evidenced by the holding of research grants as principal investigator or significant contribution to successful research proposals.

Aptitude

Essential:

- Ability to work collaboratively.
- Ability to share in organisation and management of masters programmes.

Qualifications

Essential:

- PhD in a relevant discipline.

Desirable:

- PGCE (Postgraduate Certificate of Education) or other teaching qualification.

Previous Experience

Essential:

- Researching or teaching or other employment in Earth, Environmental or Planetary Sciences.

Desirable:

- Assessment of student work.
- Curriculum design.
- Pastoral care of students.

Personal Qualities

Essential:

- Commitment to academic research.
- Commitment to high quality teaching and fostering a positive learning environment for students.
- Commitment to continuous professional development.
- Commitment to UCL's policy of equal opportunity and the ability to work harmoniously with colleagues and students of all cultures and backgrounds

Other requirements

Essential:

- Membership of a relevant professional organisation.