



**UNIVERSITY OF LEEDS**

## **CANDIDATE BRIEF**

**Teaching Fellow in Applied Geophysics and Petroleum Geology  
School of Earth and Environment, Faculty of Environment**



**Salary: Grade 7 (£32,548 – £38,833 p.a.)**

**Reference: ENVEE1186**

**Closing date: 27 September 2017**

**Fixed-term for 18 months (specialist skills), latest start date 1 January 2018**

# Teaching Fellow in Applied Geophysics and Petroleum Geology

## School of Earth and Environment, Faculty of Environment

**Are you a capable and ambitious teacher or trainer looking for your next challenge? Do you have the skills and experience to contribute to programmes in geophysics and petroleum geoscience at a leading Russell Group university?**

Working with staff across the [Institute of Applied Geoscience \(IAG\)](#), you will have the opportunity to support and deliver teaching in Geology and Geophysics both at undergraduate and MSc levels and specifically on modules in applied geophysics and petroleum geology including seismic interpretation, applied geophysical methods and petroleum geology. You will work collaboratively with colleagues on each module team, as well as taking responsibility for your own teaching workload. Specifically you will be responsible for preparing, delivering and assessing teaching on the following programmes: [Geological Sciences BSc](#), [Structural Geology with Geophysics MSc](#), and [Exploration Geophysics MSc](#).

With a first degree in Geology or Geophysics or other cognate subject, you will also have significant industrial experience, or a PhD, in a relevant area of Geology or Geophysics that is cognate with the modules that are being delivered on the programmes. Additionally you will have experience as a teacher or training provider in relevant applied geophysics and/or petroleum geology areas, and experience using geoscience industrial software and programming. Experience of the design, development and delivery of teaching materials in a Higher Education setting is desirable.

You will also have the experience to supervise MSc projects in applied geophysics and petroleum geoscience.

### What does the role entail?

As a Teaching Fellow, your main duties will include:

- Providing inspirational teaching and learning, which reflects professional standards, industry good practice and awareness of the latest research;
- Updating and delivering course content including; lectures, tutorials, and practical work on undergraduate and postgraduate taught courses, utilising



and developing innovative approaches to learning and teaching with a strong emphasis on blended learning approaches;

- Assessing students' work, including marking exams and coursework, providing timely feedback, identifying the learning needs and appropriate learning objectives;
- Providing advice to students on matters relating to their personal and career development, and supervising MSc projects, some of which may be run in collaboration with industrial sponsors;
- Training students in the use of and providing support for commercial applied geosciences software, and the hosting of industry and related datasets;
- Maintaining your own continuing professional development.

These duties provide a framework for the role and should not be regarded as a definitive list. Other reasonable duties may be required consistent with the grade of the post.

## What will you bring to the role?

As a Teaching Fellow you will have:

- A first degree in Geology or Geophysics or other cognate subject;
- Significant industrial experience, or a PhD, in a relevant area of Geology or Geophysics that is cognate with the modules that are being delivered on the programme;
- Experience of teaching or training in relevant applied geophysics and/or petroleum geology areas;
- Experience in the use of geoscience industrial software and programming;
- Familiarity with handling data and carrying out interpretation projects in industry-related software environments, specifically Petrel and Kingdom Suite;
- The ability to motivate and engender enthusiasm in others, as evidenced for example in student feedback, or from a successful track record of mentoring graduates in industry;
- Effective communication skills, also self-motivation, and with excellent time management skills;
- Excellent networking skills, with demonstrable ability to work effectively in a cross-cultural environment;
- A readiness to take on leadership roles associated with student education;
- A strong commitment to your own professional development.



You may also have:

- Experience of the design, development and delivery of teaching materials in a Higher Education setting, demonstrating effective teaching skills and a range of delivery techniques & assessment methods to teach effectively at all levels;
- Experience of applying research & scholarship in teaching;
- Experience of supervising student or commercial projects or of mentoring graduates in industry;
- Computer-literacy in Microsoft Windows© and Linux environments and experience of installing and maintaining software on these platforms;
- Experience of providing support for commercial applied geosciences software and hosting of industry and related datasets;
- Familiarity with dGB software for sequence stratigraphic analysis.

## How to apply

You can apply for this role online; more guidance can be found on our [How to Apply](#) information page. Applications should be submitted by **23.59** (UK time) on the advertised closing date.

## Contact information

To explore the post further or for any queries you may have, please contact:

**Dr Richard Collier, Senior Lecturer in Sedimentology/Tectonics**

Tel: +44 (0)113 343 5211

Email: [R.E.L.Collier@leeds.ac.uk](mailto:R.E.L.Collier@leeds.ac.uk)

## Additional information

Find out more about the [Faculty of Environment](#).

Find out more about [Athena Swan](#) in the Faculty.

Find out more about our [School](#).



Find out more about our [Research and associated facilities](#).

### **Working at Leeds**

Find out more about the benefits of working at the University and what it is like to live and work in the Leeds area on our [Working at Leeds](#) information page.

### **Candidates with disabilities**

Information for candidates with disabilities, impairments or health conditions, including requesting alternative formats, can be found on our [Accessibility](#) information page or by getting in touch with us at [disclosure@leeds.ac.uk](mailto:disclosure@leeds.ac.uk).

## **Criminal record information**

### **Rehabilitation of Offenders Act 1974**

A criminal record check is not required for this position. However, all applicants will be required to declare if they have any 'unspent' criminal offences, including those pending.

Any offer of appointment will be in accordance with our Criminal Records policy. You can find out more about required checks and declarations in our [Criminal Records](#) information page.

