

**University of Derby Job Description**

# Job Summary

## Job Title

Senior Lecturer in Earth Sciences

## College

College of Science and Engineering

## Location

Kedleston Road, Derby, DE22 1GB

## Job Reference Number

0477-24

## Salary

£46,485 to £55,295 per annum

## Reports To

Head of Discipline - Environmental Sciences

## Line Management Responsibility

No

# Job Description and Person Specification

## Role Summary

Manage the development of postgraduate / undergraduate programmes, and work with the Head of Department to ensure efficient and effective delivery of teaching programmes in accordance with the University’s strategic objectives in order to provide an exceptional student experience. Ensure that curriculum development, quality management and enhancement comply with required standards. Undertake research activity and be responsible for research projects and managing other researchers where appropriate. Ensure research informs and inspires a research led curriculum and teaching. Build on a growing research reputation to build collaborations and influence leading edge practice with an active publication record that will contribute to the Research Excellence Framework (REF).

## Principal Accountabilities

### Learning / Teaching

1. Lead on, or contribute to the leadership within, the subject area on undergraduate and postgraduate programmes.
2. Teach and facilitate learning on core and optional modules relating to the academic discipline and research methodologies.
3. Ensure that module / programme design and delivery comply with the quality standards and regulations of the University.
4. Contribute to the development of learning and teaching strategies and ensure that knowledge from research and scholarly activities informs and enhances learning and teaching, as well as extending it to appropriate external activities such as knowledge transfer activities.
5. Undertake relevant module leadership responsibilities and take on other programme-related work that may include marketing, recruitment, and learning and teaching development.
6. Supervise student projects at undergraduate / postgraduate levels.
7. Ensure effective monitoring of student progress and provide advice and guidance to staff and students as appropriate.

### Research / Knowledge Exchange

1. Take the lead on, plan, develop and conduct research objectives, projects and proposals within the broader programme. Deliver research outcomes that will contribute to the REF or KEF.
2. Generate income by developing and winning support for innovative research and/or industry engagement proposals and funding bids, working where appropriate within Research Centres and Colleges.
3. Establish and foster relations with relevant partners (e.g., industry, government, academic) in the field.
4. Disseminate and explain research findings through leading peer-reviewed publications, conferences and other appropriate media.
5. Identify own professional needs and undertake appropriate training and staff development.

### Other

1. Act as a personal tutor, supporting and mentoring students as appropriate
2. Provide pastoral care to students, referring when necessary to services that provide further support.
3. Support marketing and student recruitment activities as required.
4. Develop external links in order, for example, to support student recruitment, secure student placements, facilitate outreach work, generate income or build relationships for future activities
5. Build on existing research networks, furthering contacts with external organisations such as funding bodies.
6. Actively seek out and develop opportunities for interdisciplinary research both across the University and externally.
7. Be responsible for administrative duties in areas such as admissions, timetabling, quality assurance, examinations and assessment of progress and student attendance.
8. Observe and implement University policies and procedures.

## Person Specification

### Essential Criteria

#### Qualifications

* Good Honours Degree in relevant subject discipline or equivalent
* Senior Fellowship of the Advanced HE (HEA) or willingness to work towards
* PhD in geology, geophysics, or a closely related discipline, or equivalent standard accepted for example by publication or through appropriate professional achievement
* Subject specific qualifications / knowledge

#### Experience

##### Learning / Teaching

* Demonstrable experience or knowledge of delivering effective learning, teaching and assessment in Higher Education to undergraduate and postgraduate students
* Demonstrable experience or knowledge of successful curriculum development
* Significant experience of excellent teaching identified by peer review
* Demonstrable experience of effectively designing and implementing a range of formative and summative assessments for undergraduate and postgraduate programmes
* Proven experience of module and programme leadership
* Experience of supervising undergraduate projects and postgraduate research students, providing training and some teaching as appropriate

##### Research / Scholarship / Industry Engagement

* Applied industry experience of static and dynamic modelling of traditional and non-traditional geoenergy pathways
* Expertise and practical experience in subsurface facies modelling, utilising industry-standard reservoir modelling software
* Evidence of publishing in high quality (“REF able”) journals or other appropriate outputs in research or practice
* Experience and demonstrable knowledge / expertise in research methodologies appropriate to the academic discipline

#### Skills, knowledge & abilities

* An appropriate level of digital capability and aptitude with practical experience of applications which will enhance student learning
* Ability to communicate with clarity on complex and conceptual ideas to those with limited knowledge and understanding as well as to peers, using high level skills and a range of media
* Excellent ability to build relationships and collaborate with others, internally and externally
* A high level ability to think critically and promote innovation and creativity
* Ability to devise, advise on and manage research or knowledge exchange projects
* Demonstrates competences, core behaviours and supplementary behaviours that support and promote the University’s core values
* Committed to continual enhancement and a high quality student experience
* Promotes a high performance culture, fostering continuous improvement and driving quality
* A sound knowledge of the current higher education environment and its implications for the student learning experience, including the remit of the Office for Students
* A sound knowledge of employability and its relevance to learners and the curriculum

#### Business requirements

* Able to take a flexible approach to work
  + Travel between sites and occasionally overseas for research or teaching
  + Some evening and occasional weekend teaching
  + Attendance at Open Days, Graduation events etc.
  + A commitment to own professional development

### Desirable Criteria

#### Qualifications

* Appropriate level of membership of a relevant professional body or working towards
* Postgraduate Certificate in Teaching and Learning in Higher Education or equivalent qualification

#### Experience

* Proven experience of module and programme leadership
* Experience of quality assurance and validation of HE modules / programmes
* Applied experience of GIS and a background including fieldwork

##### Research / Scholarship

* Track record in gaining support for significant externally funded research and consultancy projects, e.g. with industry, commerce, public bodies
* A growing international reputation in the academic discipline

#### Skills, knowledge and abilities

* Developing skills in providing leadership to small research teams

# Benefits

As well as competitive pay scales, we offer generous holiday entitlement. We also offer opportunities for further salary progression based on performance, and the opportunity to join a contributory pension scheme.

For more information on the benefits of working at the University of Derby go to [the Benefit pages of our website.](https://jobs.derby.ac.uk/display.aspx?id=1912&pid=0&tabId=230)

# Our People

The University of Derby is committed to promoting equality, diversity, and inclusion. However you identify, we actively celebrate the knowledge, experience and talents each person brings. Our students come from a wide range of backgrounds; therefore we are particularly interested to hear from applicants who will help our leaders and teams be more reflective of our student population.