



Job Title: Research Associate and Teaching Fellow in Mineral Resources and Applied Geology

Grade: 7

Salary: £34,189 to £39,609 per annum

Department: School of Geography, Geology and the Environment

Hours/Contract: Full time, fixed term contract for 2 years

Reference: 502

Role Purpose

To undertake teaching and academic administration activities across the Geology programmes. Teaching will be to all years and within the fields of mineral deposits, evaluation and exploration, natural resources, ore genesis, and environmental geoscience modules. You will also be expected to contribute to tutorials, field courses, supervision and assessment of field-based mapping projects and dissertations. You will support the work of the School, including through outreach and recruitment activities that develop and enhance its internal and external reputation. There will be opportunity to undertake research as part of ongoing funded NERC grants (including TeaSe and FAMOS) and upcoming research projects.

Main Duties and Responsibilities	% Time
<p>Teaching</p> <ul style="list-style-type: none"> To give lectures, seminars, tutorials and other classes, including fieldwork as appropriate in support of the required teaching obligations and to supervise work by undergraduates, including projects and dissertations, as appropriate. To act as Module Convenor who, with support from colleagues, will take responsibility for the organisation and overall delivery of particular modules as well as contributing to the teaching of the modules. To undertake academic duties (i.e. setting examination questions, marking, invigilation, and pastoral support of students) required to sustain the delivery of high quality teaching. To ensure that student feedback on teaching is sought, through questionnaires and other sources, and to respond constructively to such feedback and to advice from peers. To maintain a broad knowledge of up-to-date research and scholarship in relevant fields to ensure that teaching meets the standards expected within a research-led University. To support and comply with the University and School teaching quality assurance standards and procedures including the provision of such information as may be required by the School or by the University. 	50
<p>Outreach and Recruitment</p> <ul style="list-style-type: none"> To visit schools and colleges as part of the School's recruitment and outreach activities. 	10





- Experience in the use of Micromine, Leapfrog, Mapinfo and ArcGIS*
- A strong publication record
- Postdoctoral research experience in either mineral resources and/or environmental geoscience and its applications*
- Evidence of interest and experience in outreach activities (organisation of visits and delivery of lectures at schools, development of course materials and planning of activities, organisation of open days, etc.)
- Post-graduate teaching qualification, or willingness to work towards a qualification*

Skills, Abilities and Competencies

Essential

- Excellent communication (oral and written* skills), presentation and training skills
- Excellent interpersonal skills
- Competencies in software relevant to teaching and research applied and environmental geology
- High level of proficiency in English, sufficient to undertake research, teaching and administrative activities utilising English Language materials and to communicate effectively with staff and students

Desirable

- Evidence of excellent teaching record
- Basic to advanced competencies in teaching a broad range of natural resources, environmental geoscience and hydrogeology
- Skills in reflected light microscopy
- Analytical skills using Scanning Electron Microscopes and/or LA-ICPMS
- Evidence of developing skills in a field environment
- Ability to initiate developments in the curriculum and to take responsibility for the effective and efficient delivery of required teaching programmes.
- Evidence of innovative use of social media for professional purposes

****Criteria to be used in shortlisting candidates for interview***

VITAL

The University encourages all staff to live our [VITAL values](#) which are:
Valuing People, Innovators, Together, Accountable, Leaders.

Equality and Diversity

We believe that equality, diversity and inclusion is integral to a successful modern workplace. By developing and implementing policies and systems that challenge stereotypes across all aspects of our work, we have a culture that recognises and values the diverse contributions of our staff which benefits everyone. Our strong values of inclusivity and equality support our efforts to attract a diverse range of high quality staff and students, and identify our University as a progressive and innovative workplace that mainstreams equality, diversity and inclusion.

