

**Job Description**

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| Job Title: | Lecturer in Biological Sciences |
| Faculty/Professional Directorate: | Faculty of Science and Engineering |
| Subject Group/Team: | School of Natural Sciences |
| Reporting to: | Head of School |
| Duration: | Ongoing |
| Job Family: | Academic |
| Pay Band: | 8 |
| Benchmark Profile: | Teaching and Research Band 8 |
| DBS Disclosure requirement: | No |
| Vacancy Reference: | FS0651 |

**Details Specific to the Post**

**Background and Context**

The School of Natural Sciences offers Biochemistry, Biology and Zoology BSc as part of its portfolio of undergraduate degrees. We are looking to appoint a Lecturer in Biological Sciences with a track record of research in a field which widens our existing strengths in biology (e.g. microbiology, cell biology, genetics/genomics, molecular biology), and ideally has the potential to cross disciplines within the School and beyond. The post holder will join our team to contribute to core teaching on our Biology BSc., and ideally will also contribute to Program leadership.

We have a strong tradition of high-quality research and teaching - our research includes cell biology, evolutionary genomics, bioinformatics, environmental DNA, aquatic ecotoxicology, chemical ecology, entomology, behavioural and evolutionary ecology, and bioscience education research. Our teaching reflects our research interests and covers the molecular sciences through to applied ecology and conservation. Colleagues also contribute to courses in Biomedical Sciences, Chemistry, Forensic Science, Marine and Environmental Science and at the Hull York Medical School. It’s important to us to appoint staff who value both research and teaching, and opportunities for promotion at Hull can follow either Research, Education, or Knowledge Exchange pathways depending on your expertise.

Biologists at Hull have access to a wide range of laboratory and analytical equipment, including a Mass Spectroscopy Suite, ICP, NMR, eDNA, genetics and genomics, electron microscopy, FTIR microscopy and tissue culture facilities, as well has the University’s High Performance Computing cluster (VIPER). Further details on the Faculty of Science and Engineering and its Schools are at: <https://www.hull.ac.uk/faculties/fse.aspx> and we also work closely with the Faculty of Health Science: <https://www.hull.ac.uk/faculties/faculty-of-health-sciences>. The University is a member of the UK Reproducibility Network whose principles are embedded into our teaching.

### Specific Duties and Responsibilities of the post

The post-holder will be expected to:

* Have expertise in a field of Biology which diversifies our existing strengths (e.g. microbiology, cell biology, genetics/genomics, molecular biology)
* Pursue independent research, science education and/or knowledge transfer and innovation.
* Develop and deliver a good quality teaching portfolio, including supervision of student projects at final year and masters level.
* Be the Personal Supervisor for a group of first year students and continue this supervision until their graduation.
* Develop collaborative partnerships within the School of Natural Sciences, across the wider University, and partnerships outside the University that generate new external funding streams.
* Make significant contributions to our excellence in innovative teaching and research/knowledge transfer, and actively participate in the School’s administrative and admissions activities.
* Produce high-quality scientific outputs to demonstrate research excellence.

In your covering letter please refer directly to the criteria, given in the person specification below. Applications are assessed by the selection panel according to these criteria.

**GENERIC JOB DESCRIPTION**

The job duties and responsibilities listed below are intended to describe the general nature of the role. The duties and responsibilities and the balance between the elements in the role may change or vary over time depending on the specific needs at a specific point in time or due to changing needs in the department. Candidates should note that there may not be an immediate requirement to carry out all the activities listed below.

### Overall Purpose of the Role

This role will be carried out by individuals with extensive experience in teaching and research usually by progression from the corresponding band 7 role. Direct appointments to this level may be made where it is clear the staff have appropriate experience.

At this level, role holders’ contribution spans scholarship, teaching, research and related administration, though the weight allocated to each of these strands will vary from role to role and from time to time for individual role holders.

The role holder will:

* Have the ability to design and deliver course materials as well as experience and demonstrated success in delivering teaching including identifying current areas for revision and improvement
* Will have extensive research experience within subject specialism and conduct individual and collaborative research projects, including developing research objectives and proposals which will be advancing the state of knowledge in their particular discipline.
* Write individually or contribute to publications and present at conferences or other events.
* Will contribute to department/faculty through leadership and management and have the ability to take responsibility for effective deployment of resources, contribute to the broader management processes and have skills in managing and motivating staff.

Role holders at this level will be expected to be establishing a reputation nationally and emerging reputing internationally within their academic specialism.

**Main Work Activities**

### Teaching and Learning

1. Design and deliver teaching material across a range of modules or within a subject area using appropriate teaching, learning support and assessment methods.
2. Supervise student projects, field trips and, where appropriate, placements.
3. Identify areas where current provision is in need of revision or improvement.
4. Contribute to the planning, design and development of objectives and material.
5. Set, mark and assess work and examinations and provide feedback to students.

**Research**

* Develop research objectives, projects and proposals.
* Conduct individual or collaborative research projects.
* Identify sources of funding and contribute to the process of securing funds.
* Write or contribute to publications or disseminate research findings using other appropriate media.
* Make presentations at conferences or exhibit work at other appropriate events.

**Relationships and Team working**

* Develop and build internal and external contacts which may include:
* identifying sources of funding
* contributing to student recruitment
* securing student placements
* marketing the institution
* facilitating outreach work
* generating income
* obtaining consultancy projects
* Advise and support colleagues with less experience and advise on personal development.
* May be expected to supervise the work of others, for example, research teams or projects or as PhD supervisor.
* Act as a responsible team member and develop productive working relationships with other members of the team.
* Collaborate with colleagues to identify and respond to students’ needs.
* Act as programme leader/course leader/module leader.

### Additionally the post holder will be required to:

* Fulfil the employees’ duties described in the University’s health and safety policies and co-operate with the health and safety arrangements in place within the department. May be required to undertake specific health and safety roles on request e.g. Display screen equipment assessor, departmental safety officer, fire warden etc.
* Show a commitment to diversity, equal opportunities and anti-discriminatory practices this includes undertaking mandatory equality and diversity training.
* Comply with University regulations, policies and procedures.

**PERSON SPECIFICATION – Teaching and Research Band 8**

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| **Specification** | **Essential** | **Desirable** | **Examples Measured by** |
| **Education and Training**  Formal qualifications and relevant training | * A good degree and a PhD in relevant discipline * A minimum requirement to be at Associate Fellow level as represented within the UK Professional Standards Framework with the expectation of being at Fellow level within 2 years from commencement of the post |  | Application  Interview  Other |
| **Work Experience**  Ability to undertake duties of the post | **Evidence of:**   * Reputation nationally and internationally for research, reflected in sustained output, level of innovation, impact on discipline or profession and good quality publications * Research experience in a field which complements the School’s existing strengths * Excellence in teaching from peer review, from student assessment/feedback, and /or from examination results * A track record of attracting research funds * Supervision of undergraduate and postgraduate research projects | * Excellent teaching in some aspect of biology * Experience in Programme leadership at undergraduate level | Application  Interview  Other |
| **Skills and Knowledge**  Includes abilities and intellect | **Evidence of:**   * An ability to develop new courses and actively contribute assessment examinations * An ability to communicate complex conceptual ideas to widely divergent audiences. * Effective management of resources e.g. financial, equipment etc | **Evidence of active contribution and influence in the following areas**:   * Ability to motivate research teams to deliver high quality outputs * Acting as a visiting examiner at other Institutions * Involvement with external quality audit or assessment | Application  Interview  Other |
| **Personal Qualities**  Includes any specific physical requirements of the post – (subject to the provisions of the Equality Act 2010)  This includes information about how you meet the requirements under additional information as stated in the job description documentation. | **Evidence of**:   * A positive contribution to University activities and initiatives including open days, graduation ceremonies etc. and willingness to undertake administrative activities * Working in an open and transparent way, providing information and communicating effectively with colleagues * Collaborative working Continuous Professional Development | * Collaborative working, particularly on interdisciplinary activities | Application  Interview  Other |