

## University Teacher in Data Science

Job Ref: REQ211445

**As part of the University's ongoing commitment to redeployment, please note that these vacancies may be withdrawn at any stage of the recruitment process if a suitable redeployee is identified.**

The ideal candidate would be able to communicate information effectively to a diverse audience who might lack technical knowledge using material in both remote and in-person teaching. They will have a first degree in Mathematics, Statistics or Computer Science and a completed (or nearly completed) relevant higher degree.

They must be able to teach at postgraduate level to large and small groups in at least two of the following areas: Big Data Architectures, Applied Statistics, Machine Learning. Candidates who can teach Applied Statistics and Big Data architectures are strongly encouraged to apply.

## Job Description

### Job Grade

Specialist and Supporting Academic Grade 6

### Job Purpose

To contribute to, develop and enhance the activities of the School through bringing direct academic, professional and vocational experience to the School's taught programmes and enterprise activities. To assist with the structure and development of teaching and enterprise activities. To provide teaching, administrative and mentoring support.

### Job Duties:

#### *Teaching*

- Work with colleagues to deliver an exceptional learning environment for students.
- Teach and inspire undergraduate and postgraduate students and to conduct assessments.
- Provide academic support and advice to undergraduate and postgraduate students on relevant modules.
- Promote the use of a range of effective methods and techniques in teaching, learning and assessment.

- Cooperate with colleagues in the review and development of taught programmes and curriculum.
- Participate in the design, delivery and supervision of laboratory activities appropriate to the role

### ***Student Support***

- Prepare and deliver workshops and induction sessions as appropriate
- Act as a Personal Academic Tutor to allocated students in the School where required
- Act as a Placement Visit Tutor and visit students on placement in industry/business where required

### ***Enterprise and Scholarship***

- Engage in appropriate scholarship activities to ensure that taught content is up to date and appropriate
- Engage with business, public and voluntary organisations through knowledge exchange activities such as student projects and placements, technology transfer collaboration, consultancy and specialist training.

### ***Related Activities and Functions***

- Work effectively with relevant administrative, technical and academic staff in the School and across the University.
- Actively support student recruitment including participation in open days, visit days and summer schools
- Take part in one or more School committees if required.
- Engage in training programmes in the University (e.g. through Organisational Development) which are consistent with your needs and aspirations and those of the School.
- Undertake such other duties as may be reasonably requested and that are commensurate with the nature and grade of the post.

### **Points to Note**

The purpose of this job description is to indicate the general level of duties and responsibility of the post. The detailed duties may vary from time to time without changing the general character or level of responsibility entailed.

### **Special Conditions**

All staff have a statutory responsibility to take reasonable care of themselves, others and the environment and to prevent harm by their acts or omissions. All staff are therefore required to adhere to the University's Health, Safety and Environmental Policy & Procedures.

All staff should hold a duty and commitment to observing the University's Equality & Diversity policy and procedures at all times. Duties must be carried out in accordance with relevant Equality & Diversity legislation and University policies/procedures.

Successful completion of probation will be dependent on attendance at the University's mandatory courses which include Respecting Diversity and, where appropriate, Recruitment and Selection.

### **Organisational Responsibility**

Reports to the Dean of School

## Person Specification

Your application will be reviewed against the essential and desirable criteria below. Applicants are advised to explicitly state and evidence how they meet each of the essential (and desirable) criteria in their application.

| <b>Essential Criteria</b> |   |              |
|---------------------------|---|--------------|
| <b>Area</b>               | <b>Criteria</b>   | <b>Stage</b> |
| Experience                | Relevant background in the discipline, with specific and current expertise relevant to the role and discipline.   | 1,2,3        |
|                           | Experience of working in a quality academic research or industrial environment.   | 1,3          |
| Skills and abilities      | To teach and supervise under- and post-graduate students.   | 1,2,3        |
|                           | To present complex information to students with a variety of abilities.   | 2,3          |
|                           | To provide tutorial advice to students.   | 1,3          |
|                           | To work independently and as part of a team.  | 1,3          |
|                           | To identify potential social / cultural / economic impacts on and from professional activity.   | 2,3          |
| Training                  | To follow the challenges faced in UK HE and to reflect on the implications for our work at Loughborough   | 3            |
|                           | Commitment to and evidence of continuing professional development.  | 1,3          |
|                           | Willingness to adapt including adopting new procedures.   | 1            |
| Qualifications            | An outstanding educational profile including first degree and/or Masters in a related discipline, together with significant relevant experience and/or a PhD or nearing completion. | 1            |
|                           | A teaching qualification or commitment to achieve this at Loughborough  | 1,3          |
| Other                     | Commitment to observing the University's Equal Opportunities policy.  | 1,3          |

Stages of Selection: 1 – Application, 2 – Test/Assessment Centre/Presentation, 3 – Interview

## Conditions of Service

The position is full time and open ended. Salary will be on Specialist and Supporting Academic Grade 6 (£31,406 - £40,927), at a starting salary to be confirmed on offer of appointment.

The appointment will be subject to the University's Terms and Conditions of Employment for STAFF GRADE 6 AND ABOVE, details of which can be found [here](#).

The University is committed to enabling staff to maintain a healthy work-home balance and has a number of family- friendly policies which are available at [http://www.lboro.ac.uk/services/hr/az/family-leave-policy-and-procedure--- page.html](http://www.lboro.ac.uk/services/hr/az/family-leave-policy-and-procedure---page.html).

The University offers a wide range of employee benefits which can be found [here](#).

In addition, the University is supportive, wherever possible, of flexible working arrangements.

We also strive to create a culture that supports equality and celebrates diversity throughout the campus. The School and the University hold Bronze Athena SWAN awards that recognises the importance of support for women at all stages of their academic career.

For further information on Athena SWAN see: <http://www.lboro.ac.uk/services/hr/athena-swan/>