



UNIVERSITY OF LEEDS

CANDIDATE BRIEF

Teaching Fellow in Data Science and Statistics,
Faculty of Engineering and Physical Sciences



Salary: Grade 7 (£41,064 - £48,822 p.a.)

Reporting to: Dr Philip Walker

Reference: EPSMA1142

Location: Leeds Main Campus

Fixed-term (two years - to complete specific time limited work)

We are open to discussing flexible working arrangements

Teaching Fellow in Data Science and Statistics, School of Mathematics.

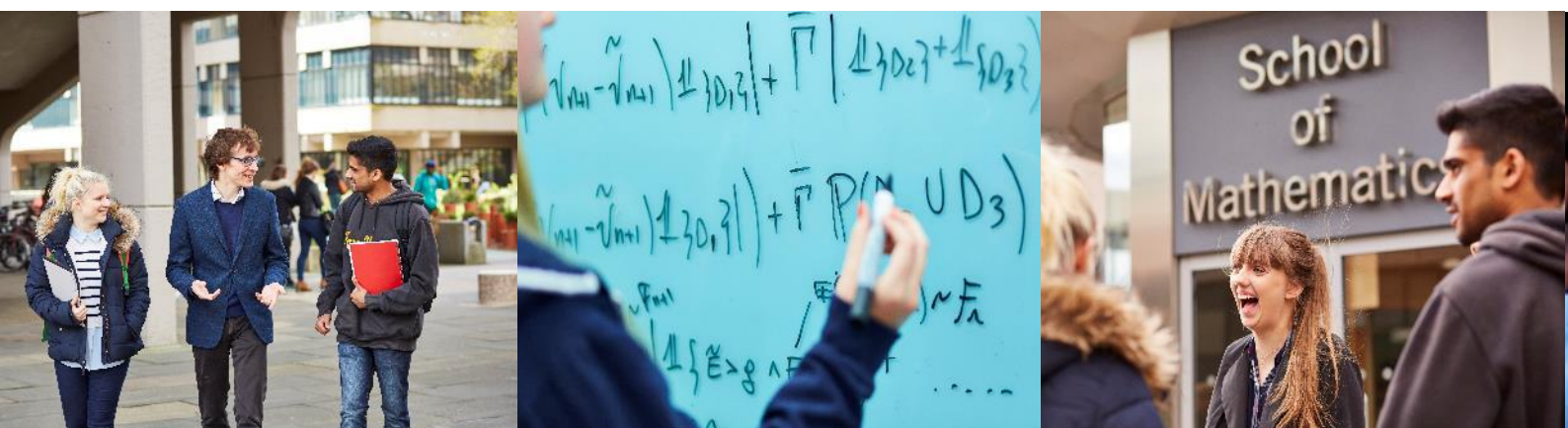
Are you an enthusiastic teacher, committed to delivering a first class learning and teaching experience with a proven ability to teach effectively at undergraduate and postgraduate level? Are you passionate about delivering an exceptional student experience in a research-intensive Russell Group University? Do you want to develop and further your skills in online teaching and learning and digital education?

Overview of the Role

We are looking for highly motivated individuals who have an interest in Data Science and Statistics to join the School of Mathematics. You will contribute to the School's research-led teaching and management of student education and will play an important role by contributing to the development of outstanding graduates and scholars. You will be expected to take an active role in the development of our curriculum by supporting the development and delivery of online teaching to a global cohort of distance-learning students.

You will contribute to the development of mathematics education for the digital age. You will be a member of the School's rapidly growing department Prime (Practice-based Research in Mathematics Education) focussed on enhancing mathematics education, governance of student education and leadership for School-based change projects. We are committed to excellence in Student Education, and you will participate in induction and training events tailored to educators and designed to support you to develop within your career. You will also be linked to the School's Department of Statistics.

The School of Mathematics supports the [London Mathematical Society Good Practice Scheme](#). The School also offers several family-friendly employment practices that are designed to enable a good work-life balance. The Faculty of Engineering & Physical Sciences holds the [Athena Swan](#) Silver Award in recognition of our success in recruiting, retaining and developing/promoting women in Science, Engineering and Technology (SET).



Main duties and responsibilities

Teaching and learning

- Providing inspirational teaching and learning, which reflects professional standards and industry good practice;
- Supporting and delivering modules, including lectures, examples classes, tutorials and workshops on undergraduate and/or postgraduate taught courses for in-person learning and online distance learning;
- Contributing to the review of modules, programmes and quality assurance mechanisms primarily for online distance learning;
- Regularly collecting and responding to student feedback;
- Designing and utilising innovative approaches to learning and teaching, especially with regard to the provision of teaching material through digital media, blended learning and distance learning;
- Assessing students' work, including setting and marking exams and coursework and projects;
- Providing timely feedback to students on their studies, identifying the learning needs of students and defining appropriate learning objectives;
- Acting as academic tutor for all modules taught, administering and documenting modules taught in collaboration with other academic and support staff as appropriate;
- Devising and supervising undergraduate and taught postgraduate student research projects in the areas of data science and statistics, including matters relating to their orientation to UK academic expectations.

General

- Working with Marketing, Admissions and Digital Education Service colleagues to help ensure the attractiveness of online programmes;
- Forming part of a University-wide online distance learning community, taking part in regular events, sharing good practice, and working collaboratively with project teams across the institution;
- Maintaining your own continuing professional development;
- Undertaking effectively and efficiently any administrative role allocated by the Head of School or their nominee.



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.

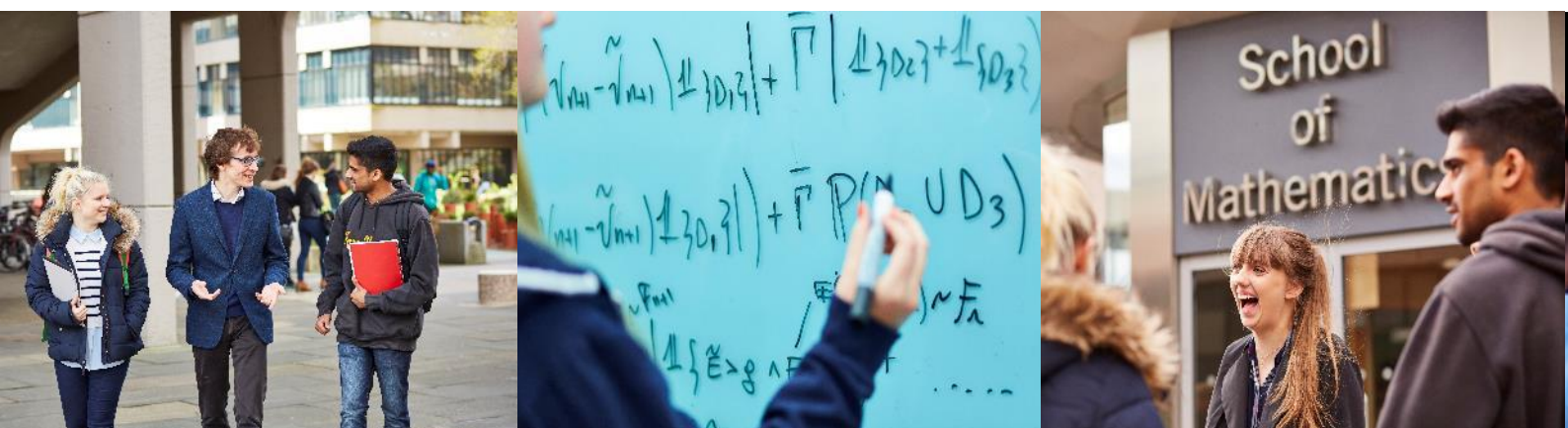
Qualifications and skills

Essential

- A PhD in Data Science, Statistics or in a relevant field (or be nearing the completion of the qualification), or equivalent work experience in a relevant disciplinary area;
- Experience of teaching Data Science or Statistics within Higher Education;
- The ability to motivate and engender enthusiasm in others, as evidenced for example in student feedback obtained from previous teaching experience, with an enthusiastic, creative approach to transferring knowledge and skills to students;
- 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 and assessment methods to teach effectively;
- An ability to use IT effectively and innovatively in the preparation and delivery of teaching material including programming in R and/or Python;
- Excellent team working and networking skills;
- Excellent communication and interpersonal skills, with a flexible, motivated and co-operative approach and good time management skills;
- An ability to contribute effectively to administrative activities;
- A strong commitment to your own continuous professional development.

Desirable

- Experience of applying scholarship in teaching;
- Experience of teaching on fully-online degree programmes;
- Experience of planning and supervising MSc dissertations;
- Experience of effectively using digitally enabled approaches to learning in a Higher Education or related environment;
- Membership of the Higher Education Academy (AFHEA or equivalent) or be working towards this;
- Experience of undertaking research in a related field, with a proven record of achievement as a single or main author of refereed publications;



- Experience of promoting equality, diversity, and inclusion in Student Education, and supporting the needs of a diverse student population.

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 Philip Walker](#), Head of Prime

Email: P.Walker@leeds.ac.uk

OR

[Dr Stuart Barber](#), Head of the [Department of Statistics](#)

Email: S.Barber@leeds.ac.uk

OR

[Professor Clare Dunning](#), Head of the [School of Mathematics](#)

Email: T.C.Dunning@leeds.ac.uk

Additional information

Faculty and School Information

Further information is available on the research and teaching activities of the [Faculty of Engineering & Physical Sciences](#), and the [School of Mathematics](#).



Working at Leeds

We are a campus-based community and regular interaction with campus is an expectation of all roles in line with academic and service needs and the requirements of the role. We are also open to discussing flexible working arrangements. To find out more about the benefits of working at the University and what it is like to live and work in the Leeds area visit our [Working at Leeds](#) information page.

A diverse workforce

As an international research-intensive university, we welcome students and staff from all walks of life and from across the world. We foster an inclusive environment where all can flourish and prosper, and we are proud of our strong commitment to student education. Within the Faculty of Engineering and Physical Sciences we are dedicated to diversifying our community and we welcome the unique contributions that individuals can bring, and particularly encourage applications from, but not limited to Black, Asian and ethnically diverse people; people who identify as LGBT+; and people with disabilities. Candidates will always be selected based on merit and ability.

The Faculty of Engineering and Physical Sciences are proud to have been awarded the Athena SWAN [Silver](#) Award from the Equality Challenge Unit, the national body that promotes equality in the higher education sector. Our [equality and inclusion webpage](#) provides more information.

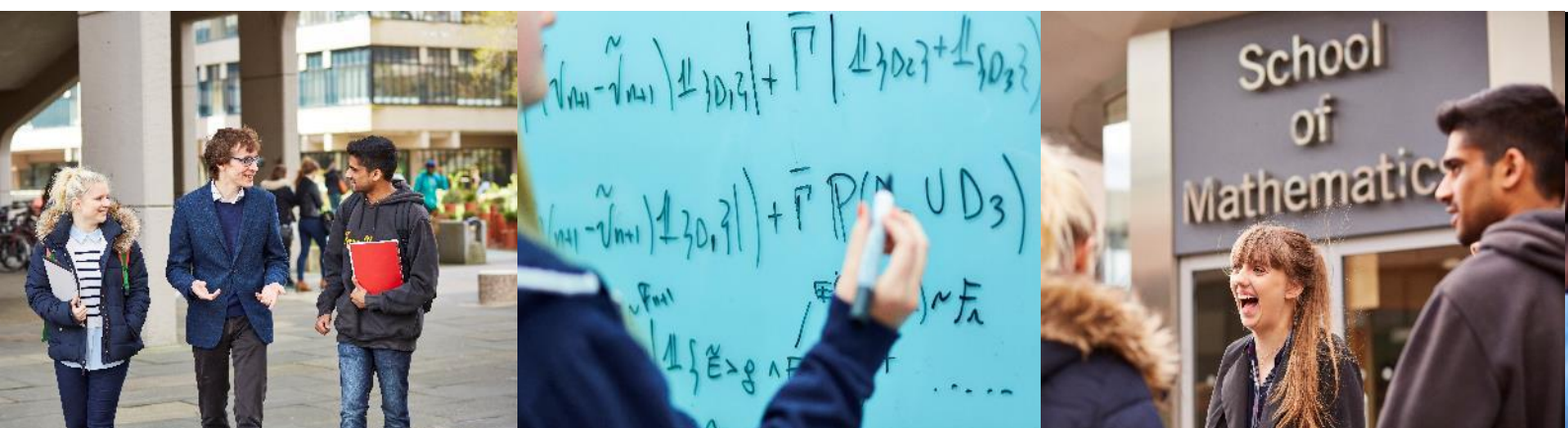
Information for disabled candidates

Information for disabled candidates, impairments or health conditions, including requesting alternative formats, can be found under the 'Accessibility' heading on our [How to Apply](#) information page or by getting in touch by emailing HR via hr@leeds.ac.uk.

Criminal Record Information

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. Rehabilitation of Offenders Act 1974

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.



Salary Requirements of the Skilled Worker Visa Route

Please note that this post may be suitable for sponsorship under the Skilled Worker visa route but first-time applicants might need to qualify for salary concessions. For more information, please visit [the Government's Skilled Worker visa page](#).

For research and academic posts, we will consider eligibility under the Global Talent visa. For more information, please visit [the Government's page, Apply for the Global Talent visa](#).

