

Lecturer in Applied Mathematics

Reference Number 025878 Location Gilmorehill Campus / Main Building College / Service COLLEGE OF SCIENCE & ENGINEERING Department SCHOOL OF MATHEMATICS & STATISTICS Job Family Research And Teaching Position Type Full Time Salary Range £35,210 - £39,610

Job Purpose

The School of Mathematics and Statistics seeks to appoint up to two one-year lectureships in Applied Mathematics. The appointees will be expected to engage in research and actively contribute to teaching, as well as undertaking relevant administration within the School of Mathematics and Statistics.

The University of Glasgow, established in 1451, is a member of the UK's Russell Group of leading universities. The University is committed to enhancing its position as one of the world's great broad-based research-intensive universities.

Informal enquiries regarding the position can be made to Professor Tara Brendle (tara.brendle@glasgow.ac.uk, Head of Mathematics)

Job Purpose

The postholder will contribute to the delivery of an excellent student experience through active engagement in teaching, assessment and administration processes at undergraduate and postgraduate level demonstrating independence, leadership and academic responsibility.

Main Duties and Responsibilities

1. Deliver and lead a range of teaching, supervision and assessment activities, across undergraduate and postgraduate programmes within the School of Mathematics & Statistics.
2. Carry out course administration within required timescales ensuring effective communication of information, in particular assessment requirements and criteria and timely and constructive feedback on assessment.
3. Contribute to the on-going development and design of the curriculum in a manner that supports a research-led and scholarly approach to student learning and assessment.
4. Make effective use of learning technologies to support and enhance course delivery, course organisation, feedback and assessment. This may involve blended and/or online provision.
5. Ensure an inclusive and evidence-based approach to facilitating learning in a range of face to face and potentially online delivery formats such as tutorials, lectures, problem-based learning, that promotes student participation and learning outcome attainment.
6. Develop effective working relationships with students and, in partnership with relevant student services teams, respond appropriately to the diverse range of learning approaches and learner needs.

7. Engage in scholarship to enhance your own teaching practices, and attend and participate in appropriate seminars and conferences, to support research-led teaching, scholarship and/or professional practice in your disciplinary area.
8. Develop relationships as appropriate with external stakeholders in support of knowledge exchange, public understanding and appropriate forms of outreach such as widening access.
9. Participate in activities associated with student recruitment (e.g. open days), orientation and induction and other School and University initiatives such as support for student transitions, employability and student mobility as appropriate.
10. Engage in continuing professional development activities as appropriate.
11. Undertake any other reasonable duties as required by the Head of School.
12. Contribute to the enhancement of the University's international profile in line with the University's Strategy 2015 – 2020 Inspiring People Changing the World
http://www.gla.ac.uk/media/media_410447_en.pdf

Knowledge, Qualifications, Skills and Experience

Knowledge / Qualifications

Essential:

A1 A PhD or nearly-completed PhD or equivalent in Mathematics or a related field.

A2 Knowledge of teaching methods and techniques to work within the relevant subject area.

A3 Breadth and depth of knowledge in the specialist subject/discipline to develop teaching programmes/methodologies/learning support.

Skills

Essential:

C1 Ability to communicate material of a specialist or highly technical nature and to be effective both orally and in writing at a level appropriate to the activity.

C2 Using up-to-date knowledge and specialist understanding in the field, able to engage the interest and enthusiasm of students to inspire learning and to provide pastoral care to students within the subject area.

C3 Willingness and ability to work flexibly, both independently and in a team

C4 Ability to contribute effectively and strategically to the development of the subject/discipline

C5 Self-motivation

C6 Pragmatic approach to problem solving skills

C7 Ability to handle sensitive matters with tact and diplomacy

Experience

Essential:

E1 Experience of successful delivery of teaching, tutoring or demonstrating at undergraduate or postgraduate level.

E2 Relevant postgraduate research.

E3 Experience of planning and progressing work activities within professional guidelines or organisational policy, applying initiative and independent judgement.

Job Features

Dimensions

The School has over 60 full-time academics across pure & applied mathematics, and statistics, together with nearly 50 PhD students, 8 PDRA's, and is supported by 11 administrative/secretarial/IT staff. Further new appointments are expected during the next academic year. From next September, four Rankin-Sneddon Research Fellows will be joining the School, an addition is various externally funded fellowship positions. The School's total income is in excess of £12M, and in the last quarter, £3M of new research grants were awarded to members of the School.

Standard Terms & Conditions

Salary will be on the University's Research and Teaching Grade, level 7, £35,210 - £39,610 per annum.

This post is full time and open ended with funding available for one year in the first instance and is offered on the Learning Teaching and Scholarship Career Track only. Further details of this career track are available at: https://www.gla.ac.uk/media/media_499574_en.pdf

New entrants to the University will be required to serve a probationary period of 6 months.

The successful applicant will be eligible to join the Universities' Superannuation Scheme. Further information regarding the scheme is available from the Superannuation Officer, who is also prepared to advise on questions relating to the transfer of Superannuation benefits.

It is the University of Glasgow's mission to foster an inclusive climate, which ensures equality in our working, learning, research and teaching environment.

We strongly endorse the principles of Athena SWAN, including a supportive and flexible working environment, with commitment from all levels of the organisation in promoting gender equity.

The University of Glasgow, charity number SC004401.

Vacancy Ref: 025827, Closing Date: 04 July 2019