



Candidate Information

Position:	Teaching Fellow (Mathematics) - Maternity Cover
School/Department:	School of Mathematics and Physics
Reference:	25/112460
Closing Date:	Monday 14 April 2025
Salary:	£39,922- £47,631 per annum.
Anticipated Interview Date:	Friday 9 May 2025
Duration:	12 months

JOB PURPOSE:

To make a significant contribution to the delivery of the Mathematics Education in the School of Mathematics and Physics, particularly in supporting the MMaths programme. To support the development and delivery of an innovative teaching and learning strategy in the School, and contribute to the School's administration/outreach activity when required.

MAJOR DUTIES:

Teaching:

1. To deliver a range of teaching and assessment activities in mathematics at undergraduate level.
2. To deliver tutorial content in support of the core curriculum of assigned modules.
3. To support computer-based teaching and assessment.
4. Provide supervision for undergraduate student research projects.
5. Assess the work and progress of students by reference to pre-defined criteria and provide constructive and timely feedback in line with School procedures in order to promote a high-quality student learning experience.
6. Continually assist the improvement of student performance and experience, specifically in the delivery of learning activities by obtaining and analysing feedback.
7. Maintenance and updating of content on a virtual learning environment for assigned modules.
8. Assist other members of staff as needed to support the School's teaching requirements.

Research:

1. Develop links with relevant professional bodies to ensure that teaching reflects current best practice in Mathematics teaching.
2. Complete training courses relevant to the delivery of the Mathematics education.
3. Maintain and develop teaching and Mathematics teaching expertise.
4. Actively develop links or join external networks to share information and ideas

Administration/Contribution to the Community:

1. Contribute to the School's outreach strategy.
2. Provide pastoral care for students within own area to ensure, as far as practicable, that relevant issues are dealt with in a timely, sympathetic and effective manner.
3. Carry out designated routine School administrative duties, including, for example, committee work, course administration, etc.
4. Be responsible for the record-keeping associated with teaching and the preparation of teaching materials.
5. Membership of the School Board and Examination Board.

ESSENTIAL CRITERIA:

1. Degree (MSci, MMath, or MSc) or equivalent in Mathematics (minimum award 2.1).
2. Hold, or be in the process of completing, a PhD in Mathematical Sciences.
3. Commitment to providing a high-quality student learning experience.
4. Willingness to supervise undergraduate student projects.
5. High level of analytical capability.

6. Demonstrable ability to communicate complex information effectively in English, both orally and in writing, with effective presentation skills.
7. Demonstrable intellectual ability and good time management.
8. Demonstrable ability to work effectively as part of a team.
9. Ability to plan and organise resources and deliver to tight timelines.

DESIRABLE CRITERIA:

1. Experience of providing high quality undergraduate/postgraduate teaching in Mathematics and/or Statistics through the medium of English. This may be demonstrated through the delivery of tutorials.
2. Completed PGCHET or an equivalent teaching qualification.
3. Successful supervision of undergraduate or Masters students.
4. Evidence of good teaching evaluations.
5. Experience in course development or curriculum design.
6. Experience in a leadership role in teaching (e.g., programme director, year lead).

ADDITIONAL INFORMATION:

Informal enquiries can be directed to: David Riley - d.riley@qub.ac.uk