

Candidate Information

Position:	Lecturer (Education) in Mathematics Education (PGCE)
School/Department:	School of Social Sciences, Education and Social Work
Reference:	25/112651
Closing Date:	Monday 30 June 2025
Salary:	£45,349 - £62,695 per annum.
Anticipated Interview Date:	Wednesday 23 July 2025

JOB PURPOSE:

To teach the subject specialisms of Mathematics and Education and Professional Studies on the School's Initial Teacher Education PGCE programme, to develop or maintain a portfolio of appropriate scholarly activity, and to contribute to School administration/outreach activity.

MAJOR DUTIES:

Teaching:

- 1. Routinely communicate complex and conceptual ideas to students as well as to peers using high level skills and a range of media.
- 2. Employ effective pedagogical strategies within a blended learning context, adopting creative and innovative methods to achieve a high level of learning in both a face-to-face and an online environment.
- 3. Develop the teaching activities of the School by pursuing new and innovative teaching approaches taking responsibility for the quality of course units and delivering a range of teaching and assessment activities including lectures, setting/marking coursework and practice learning according to the needs of the School's Curricula.
- 4. Contribute to the enhancement of quality teaching within the subject, School or Faculty, ensuring that course design and delivery comply with the appropriate benchmarks, regulations and accreditation criteria.
- 5. Develop and advise others on learning and teaching tasks and methods.

Scholarly Activity:

- 1. Engage in scholarly activity e.g., participate in conferences, book reviews and/or teaching/professional materials published.
- 2. Maintain and develop teaching and subject expertise.
- 3. Develop proposals and prepare, in collaboration with others, funding bids for external contract work.

Administration/Contribution to the Community:

- 1. Provide personal and academic tutoring to students within own area and ensure, as far as practicable, that relevant issues are dealt with in a timely, appropriate and effective manner.
- 2. Contribute to the School's outreach strategy by engaging with community outreach programmes and developing external links.
- 3. Contribute to the development and running of the School/area by taking on appropriate School co-ordinating roles.
- 4. Participate in School, Faculty and University administration as requested by line manager.

ESSENTIAL CRITERIA:

- 1. Honours Degree in mathematics or an honours degree with a significant mathematics component.
- 2. Recognised teaching qualification granting eligibility to teach at Post-Primary level (ages 11-18).
- 3. Master's degree or above in any discipline.
- 4. Demonstrable scholarly activity in subjects relevant to mathematics and/or mathematics education.
- 5. At least five years' experience of teaching mathematics (or equivalent) in Post-Primary School(s).
- 6. Experience in teaching or mentoring ITE students and/or Early Career Teachers.
- 7. Evidence of appropriate administrative experience, commensurate with stage of career.
- 8. Ability to contribute to broader management and administrative processes.
- 9. Ability to manage resources and understanding of management processes.

- 10. High level of analytical capability.
- 11. Demonstrable ability to assess and organise resources.
- 12. Ability to contribute to the School's national and international research/scholarship networks.
- 13. Must demonstrate evidence of ability to communicate clearly and effectively to students, academic colleagues and professional bodies and managers.
- 14. Evidence of good interpersonal skills and the ability to work both independently and as part of a team.
- 15. Driving licence and access to a car.

DESIRABLE CRITERIA:

- 1. PhD or equivalent awarded or due for completion and to be awarded within two years of taking up post.
- 2. Research/scholarship interests directly relevant to mathematics teacher education.
- 3. Ability to contribute to and/or develop the School's education portfolio.
- 4. Experience of supervising masters students.
- 5. Evidence of published research/scholarship.
- 6. Evidence of successfully attracting external grant income.
- 7. Experience of teaching mathematics to A-level (or equivalent).
- 8. Experience of lecturing and tutoring at University level or equivalent.
- 9. Experience as Head of Department or Senior Teacher in a post-primary school.

ADDITIONAL INFORMATION:

Informal enquiries can be directed to: Lesley Emerson - I.emerson@qub.ac.uk.