

Candidate Information

Position: Lecturer (Education) - Initial Teacher Education (Science)
School/Department: Education (SSESW)
Reference: 22/110222
Closing Date: Monday 26 September 2022
Salary: £38,592 - £53,353 per annum.
Anticipated Interview Date: Monday 24 October 2022

JOB PURPOSE:

To teach the subject specialism of Science on the School's Initial Teacher Education PGCE Science 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 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.

Research:

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 Chemistry or Physics or an honours degree with a significant Chemistry or Physics component.
2. Recognised teaching qualification granting eligibility to teach at Post-Primary level (ages 11-18).
3. Demonstrable scholarly activity in subjects relevant to Science and/or Science Education.
4. Experience of teaching Chemistry or Physics to A-Level (or equivalent) in Post-Primary Schools (min 3 years).
5. Experience in teaching or mentoring ITE students and/or beginning teachers.
6. Evidence of appropriate administrative experience, commensurate with stage of career.
7. Ability to contribute to broader management and administrative processes.
8. Ability to manage resources and understanding of management processes.
9. High level of analytical capability.
10. Demonstrable ability to assess and organise resources.

11. Ability to contribute to the School's national and international research networks.
12. Must demonstrate evidence of ability to communicate clearly and effectively to students, academic colleagues and professional bodies and managers.
13. Evidence of good interpersonal skills and the ability to work both independently and as part of a team.
14. 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. Higher Education Academy membership (or equivalent HE teaching qualification).
3. Research interests directly relevant to teacher education.
4. Ability to contribute to and/or develop the School's education portfolio.
5. Experience of supervising masters and doctoral students.
6. Evidence of published research.
7. Evidence of successfully attracting external income.
8. Experience of teaching Chemistry and Physics to A-level (or equivalent).
9. Experience of lecturing and tutoring at University level or equivalent.
10. Experience as Head of Department or Senior Teacher.