

Candidate Information

Position:	Lecturer Education (Teaching Focused) – Maternity Cover (0.5 FTE)
School/Department:	Chemistry and Chemical Engineering
Reference:	19/108031
Closing Date:	Monday 6 January 2020
Salary:	£36,914 to £51,034 per annum.
Anticipated Interview Date:	Friday 17 January 2020
Duration:	This is a part time post (0.5FTE) and is available for 1 year and expected to finish in or around 31 December 2020.

Job Purpose:

To teach Chemical Engineering at undergraduate level and to contribute to delivery of an innovative and relevant Education portfolio while helping to drive forward the teaching and learning strategy of the School, including the use of digital platforms. The successful candidate will also contribute to the School's administration and outreach activity. Note candidates should provide a summary table of their teaching experience including class size, class type, topic, year of programme, number of hours taught and student feedback scores if available.

Main Activities/Responsibilities:

Teaching:

1. Teach, assess, examine and supervise undergraduate students across the full range of the Chemical Engineering curriculum, with emphasis on Chemical Engineering Design, Heat and Mass transfer and Biochemical Engineering.
2. Update and/or design and develop modules in line with School's teaching strategy.
3. Develop new and innovative teaching approaches e.g. for blended learning and contribute to the School's use of digital platforms to deliver the educational portfolio.
4. Update and/or design and develop modules in line with School's teaching strategy.
5. Plan and manage own teaching, tutorials and administrative responsibilities as agreed with Director of Education or nominee.
6. Act as personal tutor for students.
7. Contribute to the delivery and administration of the School's collaborative teaching agreements, including travelling abroad where necessary.

Scholarly Activity:

1. Maintain and develop subject expertise and engage in scholarly activity e.g. participate in conferences relevant to teaching role, publish teaching/professional materials, etc.
2. Maintain and develop expertise in innovative teaching methods.
3. Develop networking links with relevant professional bodies to ensure that own teaching reflects best practice in the subject area.

Citizenship:

1. Undertake outreach, recruitment and internationalisation activities.
2. Carry out teaching administration including module co-ordination, assessment and feedback, module review, student support, etc. under the general supervision of the Director of Education.
3. Contribute as required to accreditation, curriculum and programme review, audit and other external or internal assessments.
4. Be a member of School Board and of the relevant Examination Board(s), and of other School committees as required.
5. Contribute to the development and implementation of the School Plans and Faculty Vision.
6. Active participation in and support of Personal Development Review (PDR) process.

Essential Criteria:

1. Honours degree in Chemical Engineering.

2. Hold a PhD in Chemical Engineering.
3. Recent relevant experience in teaching and/or assessing at a highly ranked University in Chemical Engineering or a closely related subject at UG levels (past 4 years), with emphasis on Chemical Engineering Design, Heat and Mass transfer and Biochemical Engineering.
4. Evidence of ability to design course materials and to plan and organise the delivery and assessment of teaching.
5. Experience in communicating complex information effectively.
6. Evidence of administrative experience appropriate to the position of lecturer (education).
7. Ability to deal with student interactions in a professional and competent manner.
8. Experience in organising resources.
9. An excellent knowledge of written and spoken English is required for report writing, lecturing and presentations
10. Evidence of ability to meet deadlines.
11. Experience of working effectively within a team.

Desirable Criteria:

1. Hold or working towards membership of PGCHET (or equivalent).
2. Membership of an appropriate professional and/or teaching body e.g. HEA.
3. Hold Chartered Engineer status with a relevant engineering professional body.
4. Experience in teaching materials chemistry and engineering topics.
5. Experience in developing and delivering innovative methods of teaching and assessment.
6. Experience in designing and delivering innovative new modules.
7. Experience in outreach to promote engineering and/or science to the public or to schools.