

Job Description

Date Job Description created: August 2023

Job Title: Lecturer in Forensic Biochemistry	Job Holder: N/A
School: School of Computing Engineering and Physical Sciences	Campus Location: Paisley

Reporting To: Dean of School or Senior staff where appropriate
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<p>Job Summary: The post-holder will contribute to the delivery of academic programmes in Forensic Sciences and to research in Forensic Science on our Paisley Campus. They will be engaged in the development of educational thinking, practice and research in the broad areas of curriculum design, learning and teaching, and assessment. They will be knowledgeable in contemporary pedagogies and be familiar with online learning environments and the principles of digital education. They will also be able to evidence positive practice in these areas.</p> <p>The successful candidate will produce and publish research outputs commensurate with the stage of career and evidence an ability to attract independent research funding to support this work. The School of Computing, Engineering and Physical Sciences is a multi-discipline school, and the successful candidate will be engaged in cross/interdisciplinary working and programme design and development to support positive results in attainment, student experience and graduate destinations. They will possess developed capabilities in collaborative working and be committed to high professional standards in all areas of responsibility. The post offers the opportunity for an individual to be immersed in a rich academic environment that recognises quality in education, research and enterprise, and international engagement.</p>
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<p>Dimensions: Financial: may carry responsibility for personally awarded grants</p> <p>Staff: May carry a leadership co-coordinating role or mentoring less experienced staff, supervise teaching staff but this will not have a line management dimension (other than for staff supported on research contracts/research students).</p>
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<p>Key Result Areas: These to be pursued at a high level of competence to address strategic aims of the University, and School.</p> <p>Teaching and Learning</p> <p>The post will involve leadership and /or co-ordinating responsibilities in particular subject areas related to forensic bioscience and criminalistics. The post holder will have a flexible approach to subject delivery and a role in developing contributions to new programmes as well as our current portfolio. Module coordination and academic supervision of Honours, MSc and PhD students are expected. We are looking for someone who can work as part of the teaching team in the delivery of our Forensic Science programmes, teaching in areas such as forensic biology, CSI, general chemistry, DNA, case evaluation and criminalistics. The post-holder will:</p>

1. Design and deliver excellence in teaching and learning.
2. Use appropriate teaching, learning support and assessment methods.
3. Contribute to the development, validation and review of programmes of study.
4. Design and use appropriate assessment instruments and criteria, assess the work and progress of students by reference to the criteria providing constructive feedback to students.
5. Be responsible for module administration and co-ordination.
6. Participate in quality assurance and enhancement initiatives in collaboration with academic colleagues.
7. Maintain appropriate scholarship activity to ensure research-informed teaching is delivered at all times.
8. Seek ways of improving performance by reflecting on teaching design and delivery and obtaining and analysing feedback.
9. Challenge thinking, foster debate and develop the ability to engage in critical discourse and rational thinking.

Research and Enterprise

1. Undertake high quality original research and disseminate results through regular publications in high impact journals.
2. Apply as principal- or co-investigator to appropriate research funding bodies and manage grants awarded.
3. Supervise research students and staff as required, providing direction, support and guidance.
4. Develop and contribute to enterprise activities including continuous professional development opportunities or consultancy.
5. Engage in knowledge transfer activities.

Planning and Organising:

Planning and Organising

1. Plan own teaching and tutorials as agreed with academic line manager, as appropriate.
2. Manage own research, teaching, scholarly and administrative activities with guidance, if required.
3. Supervise students' projects and, as appropriate, fieldwork and placements.
4. Use research and teaching resources and facilities, as appropriate.
5. Balance the pressures of teaching, research and administrative demands and competing deadlines, seeking guidance in unusual circumstances.
6. Contribute to the School's co-ordination of programmes/courses through, for example, Module Co-ordinator/responsibilities and/or to the management and administration of programmes.
7. Contribute to student recruitment and marketing initiatives.
8. Manage projects relating to own areas of work and the organisation of external activities as appropriate.

Decision Making

1. Identify the need for developing the content or structure of modules with colleagues and make proposals on how this should be achieved.
2. Develop ideas for generating income and promoting the subject.
3. Develop ideas and find ways of disseminating and applying the result of research and scholarship.
4. Collaborate on the implementation of teaching and assessment strategies and operate within the limits of the strategies defined in the School Plan including the requirements of confidentiality.
5. Collaborate with colleagues on the implementation of assessment procedures.
6. Advise others on strategic issues such as student recruitment and marketing.

7. Contribute to the accreditation of courses and quality assurance processes.
8. Demonstrate a degree of autonomy in dealing with problems/issues according to limits set with appropriate colleagues as determined by the School is required.

Working Relationships:

Liaison and Networking

1. Participate in and develop internal and external networks with colleagues and students. This may include but will not be limited to contributing to the identification of sources of funding or to student recruitment or facilitate outreach work.
Other areas may include student placements, obtaining consultancy projects or building relationships for future activities. Maintain professional body accreditation for the programmes.

Communication

1. Routinely communicate complex and conceptual ideas.
2. Communicate with appropriate colleagues and external contacts according to the nature of the role.

Teamwork

1. Act as a responsible team member and develop productive working relationships with other members of staff.
2. May be required to take a lead in academic or related activities.

Pastoral Care

1. Be responsible for the pastoral care of students within a specified area
2. Act as Personal Tutor

Person Specification

School: School of Computing, Engineering and Physical Sciences	Job Title: Lecturer in Environmental Science (Ac3)
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Education/Qualifications/Training

Essential

- First Degree in Forensic Sciences, or in an appropriate related discipline.
- Postgraduate qualification or PhD in forensic science or in an appropriate related discipline.

Desirable

- A postgraduate qualification in education/learning and teaching.
- Advance HE Fellowship or appropriate teaching qualification.
- Membership of an appropriate professional body.

Experience

Essential

- A track record in research, demonstrating strong analytical experience applied to forensic biology, and clear long-term plan for development of research activity relevant to needs of the School.
- A demonstrable history high quality research or of forensic science casework commensurate with career stage.
- Evidence of experience of learning, teaching and assessment of on undergraduate/postgraduate degree programmes in forensic/biological sciences.
- Evidence of familiarity with online learning environments and the principles of digital education.
- Evidence of academic and professional preparation consistent with an ability to contribute at a high level to the programme curriculum.

Desirable

- Evidence of successful income generation from external funding bodies in an area
- Experience as a practitioner of Forensic Science
- Evidence of experience in module/programme administration.

Skills/Knowledge/Understanding

Essential

- Evidence of sufficient depth or breadth of specialist knowledge and understanding of Forensic Science disciplines to work within established teaching and research programmes.
- Evidence of extended knowledge and understanding of contemporary pedagogies and educational practice.
- Evidence of ability to secure research/enterprise funding.
- Evidence of ability to work creatively with colleagues and students.
- Evidence of current knowledge and understanding of interdisciplinary methodologies and methods.

Personal Attributes

Essential

- Evidence of vision, drive and determination to succeed.
- Evidence of facilitating the development of working networks both internally and externally.
- Evidence of ability to work on own initiative and as part of a team.
- Evidence of a willingness to embrace responsibility.
- Evidence of a commitment to work in a multi-discipline environment.