



UNIVERSITY OF  
LINCOLN

## UNIVERSITY OF LINCOLN JOB DESCRIPTION

<b>JOB TITLE</b>	Senior Lecturer in Forensic Science				
<b>DEPARTMENT</b>	School of Chemistry				
<b>LOCATION</b>	Brayford Campus				
<b>JOB NUMBER</b>	COS537	<b>GRADE</b>	8	<b>DATE</b>	Nov 20
<b>REPORTS TO</b>	Head of School				

### CONTEXT

Forensic Science is a key component of long-standing and successful STEM provision at the University of Lincoln. Since the inception of the School of Chemistry in 2014, supported by a £6.8m award from HEFCE's Catalyst Fund and strategic University investment in infrastructure, the Forensic Science programmes reside formally in the School. However, to maximise the subject's interdisciplinary footprint, the programmes operate jointly with Lincoln's School of Life Sciences as the Forensic Science Subject Centre

The School builds on a tradition of applied sciences at Lincoln, and operates interdisciplinary research themes at the Chemical-Biology Interface (e.g. toxicology, pharmacology) and Innovative Analytical Methods (including chemical and bioanalytical methods, forensic analysis) and Advanced Functional Materials (e.g. catalysis, sensors, energy capture and storage). Professional Practice in key areas such as Forensic Science is a vital dimension for the Schools ambition to deliver research and training with impact for wider society.

The taught Forensic Science portfolio includes undergraduate Forensic Science and Forensic Chemistry and post-graduate Forensic Science degrees. An innovative undergraduate curriculum in undergraduate Forensic Science was re-validated in 2017 and was re-accredited by the Chartered Society of Forensic Sciences in the same year. The programme is based on four key themes: Biological Sciences, Analytical Sciences, Crime Scene Science and Professional Practice.

We seek enthusiastic scientists to help the development of Forensic Science through experience in relevant research themes and/or professional contexts. An ability to lead provision in one or more specialist forensic methods (e.g. toxicology, trace evidence and DNA analysis) alongside research and/or professional experience in bio/analytical science would be advantageous. Additionally, the successful candidate will demonstrate an ability to develop a broad contribution to the School's taught programmes in Forensic Professional Practice. A commitment to working within multidisciplinary teams and an enthusiasm for developing research-integrated teaching are strong aspects of the role.

### JOB PURPOSE

**General**

To work with colleagues on curriculum development and the advancement of relevant discipline areas within the university.

To plan design and deliver teaching over a range of modules within in relevant discipline areas.

To undertake student tutoring and support.

To contribute to the research and or practitioner profile of the School including income generation.

## KEY RESPONSIBILITIES

The responsibilities of a Lecturer are wide ranging and may change over time according to the development needs of the department and the individual. In general a Lecturer can expect to undertake any of the following:

### Teaching and Learning Support

- To engage in teaching on undergraduate and/or postgraduate level programmes as determined by the Head of School. The range of teaching duties may change from time to time.
- Take responsibility for the design, content and delivery of specific areas of teaching and learning and to the quality of teaching delivered.
- Deliver effective teaching within programmes in relevant discipline areas, achieving good levels of student progression and satisfaction. Ensure that content is informed by current developments and research, and that teaching methods are consistent with University policies on teaching and learning, assessing student work. Develop own teaching materials, methods and approaches.
- Collaborate with colleagues in the continuous review and development of the School's programmes.
- Take responsibility for significant academic administration roles, e.g. co-ordination of modules.
- Work in accordance with University policies and procedures to undertake assessment of students' work and give feedback.

### Research and Scholarly Activity

- Make a significant contribution to the research and/or professional practice profile of the Department, School or College and pursue a personal programme consistent with the School's priorities.
- Collaborate in research and/or professional practice activities and initiatives, both within and beyond the School.
- Engage in subject professional and pedagogy research as required to support teaching activities.
- Ensure that outcomes of research and scholarly activity are appropriately disseminated in peer reviewed outlets.
- Demonstrate a clear and achievable plan to secure a return in the Research Excellence Framework (or its future equivalent) at agreed minimum standards (inclusive of complex circumstances) OR achieve demonstrable outputs in Professional Practice (e.g. expert witness, consultancy, knowledge exchange).
- Apply for external income (including research grants) and manage, as appropriate, projects that are secured.
- Supervise and manage research projects on taught programmes.

### **Liaison and Networking**

- Establish contacts within the wider academic community and disseminate knowledge through activities that enhance the reputation of the School, College and University.
- Develop links with relevant professional bodies and academic groups.
- Participate in academic activities with industry and other external partners.
- Collaborate with colleagues within the School, the College and University, and participate in external networks in the advancement of scientific knowledge.
- Take part in internal committees and working groups at School, College or University levels.
- Liaise with subject librarians, central timetabling and other services to ensure resources available are appropriately deployed.

### **Team Working**

- Act as a responsible team member, leading modules or programmes and co-ordinating the work of others to identify and respond to student needs.
- Supervise the work of others where appropriate, e.g. programme leadership, peer review of teaching.

### **Student Support**

- Act as academic tutor to students as allocated by the Head of School and act as first line contact for advice and support to students on academic matters, ensuring that students are directed to relevant support services when necessary.
- Supervise research degree students as appropriate.
- Supervise student projects and placements at undergraduate and postgraduate level, as appropriate.

### **Other**

- Carry out specific departmental roles and functions as may reasonably be required.
- Undertake continuous professional development, including training, peer observation, receiving mentoring and other activities to enhance own skills.
- Develop and maintain an external professional profile, including membership of appropriate professional bodies, refereeing and other scholarly activities.
- Participate in, and where appropriate, take responsibility for, student recruitment activities, including interviews, open days and external recruitment events.
- Engage in appropriate training programmes in the University.
- Actively follow and promote University policies.

- Participate in the staff appraisal scheme.

**In addition to the above, undertake such duties as may reasonably be requested and that are commensurate with the nature and grade of the post.**

### **ADDITIONAL INFORMATION**

<b>Key working relationships/networks</b>	
<b>Internal</b>	<b>External</b>
<ul style="list-style-type: none"><li>• Head of School</li><li>• College Senior Academic Managers</li><li>• Departmental academic, administrative and technical staff</li><li>• Support Services Staff</li></ul>	<ul style="list-style-type: none"><li>• Relevant academic and professional groups</li><li>• Relevant national, regional and international networks</li><li>• External examiners</li></ul>



# UNIVERSITY OF LINCOLN PERSON SPECIFICATION

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<b>JOB TITLE</b>	Senior Lecturer in Chemistry	<b>JOB NUMBER</b>	COS537
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<b>Selection Criteria</b>	<b>Essential (E) or Desirable (D)</b>	<b>Where Evidenced Application (A) Interview (I) Presentation (P) References (R)</b>
<b>Qualifications:</b>		
Honours degree or equivalent in Forensic Science, Bioscience, Chemistry or a related subject.	<b>E</b>	<b>A</b>
Successfully completed, a PhD (or equivalent) in Forensic Science, Bioscience, Chemistry or related subject (or, exceptionally, working towards this qualification) OR have significant relevant experience within a professional context with a demonstrable track-record of achievement (through publication or appropriate professional achievement)	<b>D</b>	<b>A</b>
Teaching qualification	<b>D</b>	<b>A</b>
<b>Experience:</b>		
Teaching in Higher Education or experience of training to equivalent levels in professional contexts.	<b>E</b>	<b>A/I</b>
Curriculum development	<b>D</b>	<b>A/I</b>
Development of teaching and learning methods	<b>D</b>	<b>A/I</b>
Interdisciplinary work relevant to the School's objectives	<b>D</b>	<b>A/I</b>
Research or professional experience in areas relevant to the School's research and/or educational themes	<b>D</b>	<b>A/I</b>
Credible track record and future strategy for preparation of outputs for submission to the REF (or its future equivalent) OR for development of the Professional Practitioner profile of the School.	<b>E</b>	<b>A/I</b>
Preparation of professional proposals in Forensic Science, Bioscience, Chemistry or	<b>E</b>	<b>A/I</b>

related subject areas		
Preparation of risk assessments for professional contexts (e.g. COSHH assessment)	<b>E</b>	<b>A/I</b>
Research project supervision	<b>D</b>	<b>A/I</b>
<b>Skills and Knowledge:</b>		
Depth and breadth in expertise in Forensic Science and/or related disciplines and their application in related subject areas	<b>E</b>	<b>A/I</b>
Evidence of continuing professional development	<b>D</b>	<b>A/I</b>
Knowledge of Forensic Science programmes in Higher Education	<b>D</b>	<b>A/I</b>
Demonstrable ability to develop excellent teaching and assessment skills across the range of taught levels offered	<b>E</b>	<b>A/I</b>
Ability to contribute to curriculum development	<b>E</b>	<b>A/I</b>
Ability to support students in their study through academic counselling	<b>E</b>	<b>A/I</b>
Good organisation and time management skills	<b>E</b>	<b>A/I</b>
Ability to devise, and manage delivery of projects in Forensic Science, Bioscience, Chemistry or a related subject areas.	<b>E</b>	<b>A/I</b>
<b>Competencies and Personal Attributes:</b>		
Enthusiasm	<b>E</b>	<b>I</b>
Commitment	<b>E</b>	<b>I</b>
Team working	<b>E</b>	<b>I</b>
Good interpersonal skills	<b>E</b>	<b>I</b>
Flexibility and adaptability	<b>E</b>	<b>I</b>
Ability to work on own initiative	<b>E</b>	<b>I</b>

**Essential Requirements** are those, without which, a candidate would not be able to do the job. **Desirable Requirements** are those which would be useful for the post holder to possess and will be considered when more than one applicant meets the essential requirements.

<b>Author</b>	IJS	<b>HRBA</b>	HDR
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