



UNIVERSITY OF  
LINCOLN

## UNIVERSITY OF LINCOLN JOB DESCRIPTION

<b>JOB TITLE</b>	Senior Lecturer in Chemistry				
<b>DEPARTMENT</b>	School of Chemistry				
<b>LOCATION</b>	University of Lincoln Campuses				
<b>JOB NUMBER</b>	COS016	<b>GRADE</b>	8	<b>DATE</b>	March 23
<b>REPORTS TO</b>	Head of School				

### CONTEXT

The School of Chemistry at the University of Lincoln has quickly established a strong position by developing an ambitious research agenda alongside its successful Employer-Engaged teaching programmes. This role supports key strategic areas of Chemistry and is based on an ability to develop our programmes with cutting-edge science and support the School's future research ambitions. Research in the School promotes inter-disciplinarity and aligns to three research groups: Advanced Functional Materials (e.g. energy capture and storage, sustainability, electronic and optical materials, supramolecular and reticular materials, solid state materials and catalysis, formulation science), Innovative Analytical Methodologies (e.g. analytical and forensic chemistry, sensors, 2D- and 3D-imaging) and the Chemistry-Biology interface (e.g. green chemistry, drug discovery and development, forensic bioanalysis and toxicology, omic sciences). These research groups map to the University's interdisciplinary research themes, particularly Sustainability, Health and Wellbeing, Rurality Heritage and Digitalisation

The role requires a commitment to working within multidisciplinary teams, an ability to develop and sustain cutting-edge research programmes and an enthusiasm for developing research integrated teaching. A broad contribution to the School's accredited programmes across chemistry and forensic science at undergraduate and post-graduate levels may be required.

At Senior Lecturer, requirements include a track record in independent research (suitable to contribute to the School's REF position) and/or significant professional experience in analytical science contexts and a demonstrated ability to sustain a contribution to all aspects of the Schools' activities across research, teaching and academic administration.

### 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 profile of the School including income generation.

To support the academic work of the School.

## 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 profile of the Department, School or College and pursue a personal research programme consistent with the School's research priorities.
- Collaborate in research 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 to establish an external profile in Professional Practice or Consultancy.
- Apply for external income (including research grants) and manage, as appropriate, projects that are secured.
- Supervise and manage research projects.

<b>Liaison and Networking</b>
<ul style="list-style-type: none"> <li>• Establish contacts within the wider academic community and disseminate knowledge through activities that enhance the reputation of the School, College and University.</li> <li>• Develop links with relevant professional bodies and academic groups.</li> <li>• Participate in academic activities with industry and other external partners.</li> <li>• Collaborate with colleagues within the School, the College and University, and participate in external networks in the advancement of scientific knowledge.</li> <li>• Take part in internal committees and working groups at School, College or University levels.</li> <li>• Liaise with subject librarians, central timetabling and other services to ensure resources available are appropriately deployed.</li> </ul>
<b>Team Working</b>
<ul style="list-style-type: none"> <li>• Act as a responsible team member, leading modules or programmes and co-ordinating the work of others to identify and respond to student needs.</li> <li>• Supervise the work of others where appropriate, e.g. programme leadership, peer review of teaching.</li> </ul>
<b>Student Support</b>
<ul style="list-style-type: none"> <li>• 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.</li> <li>• Supervise research degree students as appropriate.</li> <li>• Supervise student projects and placements at undergraduate and postgraduate level, as appropriate.</li> </ul>
<b>Other</b>
<ul style="list-style-type: none"> <li>• Carry out specific departmental roles and functions as may reasonably be required.</li> <li>• Undertake continuous professional development, including training, peer observation, receiving mentoring and other activities to enhance own skills.</li> <li>• Develop and maintain an external professional profile, including membership of appropriate professional bodies, refereeing and other scholarly activities.</li> <li>• Participate in, and where appropriate, take responsibility for, student recruitment activities, including interviews, open days and external recruitment events.</li> <li>• Engage in appropriate training programmes in the University.</li> <li>• Actively follow and promote University policies.</li> <li>• Participate in the staff appraisal scheme.</li> </ul>

**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

Key working relationships/networks	
Internal	External
<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>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>		
Relevant honours degree or equivalent in Chemistry or a related subject	<b>E</b>	<b>A</b>
Successfully completed, a PhD (or equivalent) in chemistry or related subject (or, exceptionally, working towards this qualification) OR have significant relevant experience within a Research & Development setting with a demonstrable research record (through publication or appropriate profile)	<b>E</b>	<b>A</b>
HE teaching qualification (HE PGCE or HEA fellowship)	<b>E</b>	<b>A</b>
A level of English equivalent to level B1 on the Common European Framework of Reference (CEFR)	<b>E</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 and innovation 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 experience in areas relevant to the School's research 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 grant proposals in chemistry or related subject areas	<b>E</b>	<b>A/I</b>
Preparation of risk assessments for chemical laboratory environments, including COSHH	<b>E</b>	<b>A/I</b>
Research project supervision	<b>E</b>	<b>A/I</b>
<b>Skills and Knowledge:</b>		
Depth and breadth in expertise in chemistry and its 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 chemistry 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 research programmes in chemistry or 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>	TM	<b>HRBA</b>	AH
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