



UNIVERSITY OF
LINCOLN

UNIVERSITY OF LINCOLN JOB DESCRIPTION

JOB TITLE	Lecturer in Analytical Chemistry				
DEPARTMENT	School of Chemistry				
LOCATION	Brayford Campus				
JOB NUMBER	COS016	GRADE	7	DATE	November 2022
REPORTS TO	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, 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

This role focusses on analytical sciences and requires a commitment to working within multidisciplinary teams, an ability to develop and sustain programmes in research and/or professional practice and an enthusiasm for developing innovative teaching. A broad contribution to the School's accredited programmes in analytical chemistry at undergraduate and post-graduate levels will be required of the role holder.

At Lecturer, requirements include a research and/or professional track record in analytical sciences and the potential to provide a sustained 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 deliver teaching over a range of modules within an established programme.

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 School 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.
- Contribute to 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, with guidance.
- Collaborate with colleagues in the continuous review and development of the School's programmes.
- Take responsibility for the co-ordination of modules when appropriate to do so and after gaining sufficient relevant experience.
- Work in accordance with University policies and procedures to undertake assessment of students' work and give feedback.

Research and Scholarly Activity

- Make a contribution to the research profile of the School, School or College and pursue a personal research programme consistent with the School's research priorities.
- Collaborate in research activities and initiatives with colleagues in and beyond the School if appropriate.
- 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.

Liaison and Networking

- Establish contacts within the wider academic community where possible and form relationships for future collaboration.
- Develop links with relevant professional bodies and academic groups.
- Develop involvement 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 relevant internal committees and working groups.
- Liaise with subject librarians, central timetabling and other services to ensure resources available are appropriately deployed.

Team Working

- Work as a member of a team, collaborating on curriculum development and contributing to School meetings.
- Co-ordinate the work of others, when appropriate, e.g. through taking responsibility for module co-ordination.

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.
- Take part in the supervision of research degree students as appropriate.
- Supervise student projects and placements at undergraduate and postgraduate level, as appropriate.

Other

- Carry out specific School roles and functions as may reasonably be required – these being relatively limited in order to allow the role holder to take advantage of planned developmental and research opportunities.
- 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.
- Assist in 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

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



**UNIVERSITY OF LINCOLN
PERSON SPECIFICATION**

JOB TITLE	Lecturer in Analytical Chemistry	JOB NUMBER	COS016
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Selection Criteria	Essential (E) or Desirable (D)	Where Evidenced Application (A) Interview (I) Presentation (P) References (R)
Qualifications:		
Honours degree or equivalent in chemistry or a related subject	E	A
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 professional achievement)	E	A
Teaching qualification	D	A
A level of English equivalent to level B1 on the Common European Framework of Reference (CEFR)	E	A
Experience:		
Teaching in Higher Education	D	A/I
Curriculum development	D	A/I
Development of teaching and learning methods	D	A/I
Interdisciplinary work relevant to the School's objectives	D	A/I
Research experience in areas relevant to the School's research themes	D	A/I
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.	E	A/I
Participation in preparation of grant proposals in analytical chemistry or related subject areas	D	A/I

Preparation of risk assessments for chemical laboratory environments, including COSHH	E	A/I
Research project supervision	D	A/I
Skills and Knowledge:		
Expertise in chemistry and its application in related subject areas	E	A/I
Evidence of continuing professional development	D	A/I
Commitment to developing depth and breadth of subject understanding	E	I
Knowledge of chemistry programmes in Higher Education	D	A/I
Ability to develop excellent teaching and assessment skills across the range of taught levels offered	E	A/I
Ability to contribute to curriculum development	E	A/I
Ability to support students in their study through academic counselling	E	A/I
Good organisation and time management skills	E	A/I
Competencies and Personal Attributes:		
Enthusiasm	E	I
Commitment	E	I
Team working	E	I
Good interpersonal skills	E	I
Flexibility and adaptability	E	I
Ability to work on own initiative	E	I

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.

Author	IJS	HRBA	AH
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