

Job Description

Job title	Lecturer in Acoustics
School / department	School of Computing and Engineering
Grade	6
Line manager	Head of Subject in EEE, Sound Engineering, Mathematics and Statistics
Responsible for (direct reports)	N/A
Date of creation or review	11/07/2025

Main purpose of the job

The post holder will be responsible for developing and delivering new undergraduate and postgraduate courses in Acoustics, with a focus on both theoretical principles and practical applications. This includes teaching modules that support acoustics and environmental noise management delivery across the school. They will also support the acoustics provisions within the BSc Sound Engineering course and contribute to the ongoing development of new UG and PG courses in Acoustics currently in development.

This role will have a particular focus on interdisciplinary collaboration within the School, including opportunities to contribute to modules and research related to the Built Environment. This may encompass areas such as environmental acoustics, architectural acoustics, and urban noise control.

The role will involve:

- Leading the development of courses in acoustics that intersect with built environment studies and advanced audio technologies.
- Bridging acoustics with related fields like civil engineering, construction management, and soundscape design.
- Supporting research and enterprise activities, fostering innovation in the fields of acoustic analysis, environmental noise solutions, and sound engineering.
- Engaging in community outreach, emphasising the real-world impact of acoustics on urban planning, sustainable development, and noise mitigation.

Key areas of responsibility

- Teach across a range of modules in Acoustics at undergraduate and postgraduate levels, including contributions to related modules in Sound Engineering, Built Environment, and Civil Engineering.
- Contribute to the delivery of high-quality learning experiences through:
 - ✓ Developing and implementing effective teaching methods and resources.
 - ✓ Participating in assessment and examination processes, including marking and feedback.

✓ Evaluating and refining teaching and learning practices.

- Supervise student projects, offering guidance on research projects, dissertations, and practical work at both undergraduate and postgraduate levels.
- Support interdisciplinary research initiatives, particularly those that bridge acoustics, civil engineering, and environmental science.
- Collaborate on course development, including contributing to new MSc and BSc courses in Acoustics and integrating aspects of acoustics with urban planning and built environment courses.
- Maintain and expand industry links, ensuring that teaching remains aligned with the latest industry practices and trends in acoustics, noise control, and audio technology.
- Engage in research and consultancy to advance knowledge in key areas of acoustics, contributing to the School's research portfolio through publications, conferences, and collaborations.
- Promote the University and the School's expertise in Acoustics through active participation in professional networks and external events.
- To work in accordance with UWL's Equality, Diversity, and Inclusion policies.

In addition to the above areas of responsibility the post-holder may be required to undertake any other reasonable duties relating to the broad scope of the position, commensurate with the post, and in support of the University.

Dimensions / background information

The School of Computing and Engineering at the University of West London is known for its innovation in research and teaching. The School offers a vibrant academic community, with courses that span engineering, computing, audio, and acoustics. Acoustics as a subject area plays a vital role in supporting the University's academic and research agenda, including the development of courses such as MSc Applied Acoustics, MSc Applied Acoustics with Management and BSc Acoustics. The acoustics industry in the UK is rapidly expanding, creating an extraordinary demand for graduates with expertise in this field. Industry practitioners who have links to the university and the Institute of Acoustics are extremely supportive of the development of this suite of new courses.

The School also collaborates closely with industry partners, particularly in the Built Environment, where acoustic expertise is in high demand for environmental noise control, building acoustics, and urban sound scaping. This post is intended to strengthen the links between acoustic research, teaching, and real-world applications, supporting both students' career aspirations and the University's strategic goals.

Person Specification

	Criteria	Essential or Desirable ¹	Demonstrated ²		
			Application	Interview	Test / Exercise
Qualifications and/or membership of prof. bodies	PhD in a relevant field	Desirable	X	X	
	Fellow of Higher Education Academy (or willingness to obtain within first 12 months)	Essential	X		
	PG Certificate in HE (or willingness to enrol on PGCHE programme at UWL and obtain within first 12 months)	Essential	X		
	Member of an appropriate professional body	Desirable	X		
Knowledge and experience	Evidence of ability to teach relevant subjects at both undergraduate and postgraduate level in higher education	Essential	X	X	
	Evidence of teaching experience in the UK	Essential	X	X	
	Established research track record, or equivalent industrial experience, with appropriate outputs in a relevant discipline	Essential	X	X	
	Demonstrated knowledge of current Acoustic Engineering practice	Essential	X	X	
	Experience of module / course management or development	Desirable	X	X	
	Experience of submitting and obtaining research grants	Desirable	X	X	
	Experience of collaborating with industry	Desirable	X	X	
Specific skills to the job	Ability to teach on undergraduate and postgraduate courses	Essential	X	X	
	Ability and willingness to contribute to team teaching	Essential	X	X	
	Practical laboratory skills relevant to the subject area	Essential	X	X	
	Ability and willingness to work in teaching and curriculum development	Essential	X	X	

	Ability to undertake research and consultancy work in a relevant field and to agreed targets	Essential	x	x	
	Evidence of scholarly activity in the form of recent publications	Essential	x	x	
	Evidence of consultancy and/or professional practice	Desirable	x	x	
General skills	Effective oral and written communication skills	Essential	x	x	
	Ability to work with minimal supervision	Essential	x	x	

Disclosure and Barring Scheme Is a DBS Check required: ☒ DBS ☐ This post does not require a DBS check

Before making a selection, please refer to the University's [Disclosure and Barring Checks Guidance for Staff](#) and [Criminal Convictions, Disclosures and Barring Staff Policy and Procedure](#). If a DBS check is required for the role, a **Check Approval Form** will need to be completed.

¹Essential Criteria are those, without which, a candidate would not be able to do the job. Applicants who have not clearly demonstrated in their application that they possess the essential requirements will normally be rejected at the shortlisting stage.

Desirable Criteria are those that would be useful for the post holder to possess and will be considered when more than one applicant meets the essential requirements, to determine which applicants to shortlist.

²Demonstration: Select the Recruitment Process stage at which the candidates will have to demonstrate that they meet the criteria. Criteria which have to be demonstrated at application stage should be mentioned in the Recruitment Information Pack as Pre-Selection/Killer Questions, Shortlisting Questions or Shortlisting Criteria. Other criteria should be evaluated and tested at interview stage (e.g. through interview questions) or through additional tests, exercises or presentations. Criteria can (and should) be demonstrated at multiple stages.