

Job Description

Role Title:	Lecturer in Sustainable Construction
School / Dept:	School of Science, Engineering and Environment
Directorate:	Sustainable, Natural and Built Environments
Reference:	GRP85
Grade:	Grade 8
Full or Part time:	Full time
Hours:	1.0 FTE
Reports to:	Head of Property and Surveying

Overview

The role holder will be a permanent Lecturer in the field of sustainable construction who will strengthen our teaching team by sharing our passion for providing a high-quality learning experience for students, and contribute to developing good practice through curriculum development. The appointee will be expected to teach undergraduate and postgraduate students on a range of programmes with a specific focus on sustainable construction drawing on a wealth of experience and expertise in education or professional practice. The preferred candidate would have expertise in the teaching of sustainable construction with experience in using online teaching platforms. Applicants will be expected to lead and develop relevant modules and be responsible for their administration and assessment.

Role Purpose

To develop and deliver engaging and high-quality teaching materials across a range of modules or short programmes, making a contribution to the planning, design and development of programmes, and engaging in scholarly activity and undertaking high quality research.

Principal Duties & Responsibilities

Teaching and Learning

- Initiate and lead in the development and delivery of taught programmes and/or research programmes, with innovative and engaging delivery and learning support.
- Act as personal tutor, supervise undergraduate and postgraduate student projects, field trips and placements.
- Engage in membership of professional groups at national/international level, for example professional standards bodies and significant conference committees.
- Contribute to the planning, design and development of course and curriculum objectives and materials, and in response to current PSRB criteria and current pedagogy.
- Set and assess assignments and examinations and provide students with timely feedback.
- Engage in scholarship to inform curriculum and course design through research, industrial engagement.

Research

- Undertake individual and/or collaborative research projects of relevance to the School/University.
- Extend, transform and apply knowledge acquired from scholarship to learning, research and appropriate external activities.
- Identify external sources of funding and develop or contribute to funding bids – research, knowledge transfer and engagement grant applications.
- Promote graduate studies by contributing to the supervision of postgraduate research students.
- Write and contribute to publications in peer reviewed academic journals and/or disseminate research findings using other appropriate media.
- Make presentations at conferences or exhibit work in other appropriate events, participating in dissemination and engagement activities to contribute to the knowledge base of area of expertise, maximise policy, media industrial or community impact of research.

Leadership, Management and Engagement

- Demonstrate leadership in own area of expertise, act as mentor for junior colleagues.
- Lead and co-ordinate the work of other staff to ensure module, programme, enterprise or research project is delivered to the standards required.

- Co-ordinate diverse activities to ensure student needs and expectations are met; act as leader of module or programme, or of significant sections of a programme
- Plan, co-ordinate and implement research programmes or engagement projects; organise external activities such as student projects, field trips and industrial placements; manage or monitor research or engagement budgets and ensure effective use of resource; organise administrative duties
- Support colleagues with less experience and advise on personal development; train/advise on own area of expertise where appropriate; coach and support colleagues in developing research
- Collaborate with external organisations such as industry, public sector, charity and local community groups

Generic Duties

- Perform any other duties appropriate to the grade as may be required by the Dean of School/Director/Subject Head.
- Comply with the personal health and safety responsibilities specified in the University Health and Safety policy.
- To engage with the University's commitment to put our students first and deliver services which are customer orientated, represent value for money and contribute to the financial and environmental sustainability of the University when undertaking all duties and aspects of the role.
- Advance equality, support our work towards eliminating unlawful discrimination, foster an inclusive study and work environment for students, staff and visitors in accordance with our public sector equality duties and university policy.

This role detail is a guide to the work you will initially be required to undertake. It may be changed from time to time to meet changing circumstances. It does not form part of your Contract of Employment.

Indicative level of membership for Higher Education Academy: Fellow

Person Specification on next page.

Person Specification

The successful candidate should demonstrate the following, which are 'Essential' (E) or 'Desirable' (D)

Consideration should be given to the following four themes which will be tested at each stage of the recruitment process

- Teaching and learning
- Research and innovation
- Leadership, management enterprise and engagement
- Internationalisation

Qualifications

1. A degree in a construction, surveying or building science related subject. (E)
2. Hold a recognised higher education teaching qualification or demonstrate a commitment to enrolling on the University's Postgraduate Certificate in Academic Practice programme within 12 months of appointment. (E)
3. A doctoral degree. (E)
4. Membership of a relevant professional society such as the Royal Institution of Chartered Surveyors (MRICS or FRICS) or close equivalent. (D)

Background and Experience

5. Experience in the teaching or practice of sustainable construction or closely related discipline. (E)
6. A background in sustainable construction or closely related discipline, either as a practitioner or higher education educator. (E)
7. Experience of securing and/or undertaking externally funded research activity. (E)
8. A demonstrable record of innovation, proactivity or leadership in your career to date, with the capacity to recognise and develop new opportunities. (D)
9. Experience of collaborative activities between industry and higher education in an income generating or teaching / research capacity. (D)

Knowledge

- 10. Expertise in sustainable construction, including construction technology and building physics. (E)
- 11. Knowledge of the construction profession, relevant professional bodies, and their requirements for construction education and practice. (E)
- 12. Awareness and knowledge of current and emerging developments in sustainable construction and construction technology. (E)

Skills and Competencies

- 13. Excellent communication, interpersonal and team-working skills. (E)
- 14. Ability to design and deliver engaging teaching and learning activities. (E)
- 15. Ability to demonstrate use of industry standard computer aided design tools such as AutoCAD and Revit. (D)
- 16. Ability to undertake industry engagement and research and generate external funding. (E)
- 17. A commitment to personal and professional development. (E)
- 18. The ability to motivate, coach and support students and have knowledge of individual learning styles and development needs. (E)
- 19. Ability to manage quality procedures within an HE environment. (E)
- 20. A demonstrable commitment to Equality, Diversity and Inclusion, along with an understanding of the needs of students from diverse social and ethnic backgrounds including full-time, part-time, mature, professional and international students. (E)

Details of any assessments required will be provided in the invitation to interview letter. Appointments to grade 7 and above will normally include a competency-based interview and presentation and in some instances a work-based simulation exercise.

Candidate guidance

In order to fully meet the essential criteria candidates must show clear evidence of how they meet the criteria. Simply stating that you have a skill or experience in an area is not sufficient, you must provide a clear example to show how you have met each of the criterion you address.

