



Candidate Information

Position: Lecturer in Construction Project Management (CPM),
School/Department: Environmental Change and Resilience
Reference: 21/109322
Closing Date: Thursday 11 November 2021
Salary: £37,467 - £51,799 per annum.
Anticipated Interview Date: Week commencing 6 December 2021

Job Purpose:

The successful applicant will primarily join the School's team in delivering the MSc programmes in Construction & Project Management and Building Information Modelling Project Management. These are vibrant and successful programmes that attract significant numbers of international students, and the School is keen to continue to develop them and ensure they are delivering innovative learning relevant to a changing industry.

The successful applicant will have experience in construction and project management, with experience in practice, research or teaching in Project Management, Planning and Control and/or Procurement, Contract Administration and Law, with teaching and research experience to complement and enhance the existing CPM programme and the discipline overall. The successful applicant will be expected to contribute to several MSc programme modules, and to contribute to the continuous improvement of curriculum content, student employability and widening the overall student experience through interdisciplinary projects. They also may be required to assist in teaching at UG level. The successful candidate is expected to become a member of one of the professional accrediting institutions for our degree programmes.

Main Activities & Responsibilities

Education (40%-60% of time spent):

1. Utilise a range of teaching methods in the design and delivery of teaching and assessment activities in Construction Project Management / BIM Project Management and Civil Engineering, which enhance student employability and reflect industry skill requirements.
2. Develop approaches to teaching and learning, which are appropriate for the subject area.
3. To contribute to the development of a variety of innovative teaching programmes associated to the subject specialism.
4. Supervise student research projects which may involve an extensive range of topic areas both inside and outside the post-holder's own specialist area.
5. Align personal research objectives to ensure the development of research led teaching reflecting emerging practices and techniques. Design/update modules in line with School's teaching strategy and the development plans for the CPM and BIM programmes.
6. Manage all resources required to deliver a quality educational student experience and contribute to the University's international reputation and collaborations.

Research (20%-30% of time spent):

1. Conduct research in areas of Construction Project Management or BIM Project Management that complements and enhances the ongoing research of the School and the CPM and BIMPM Group, sustaining a personal research plan by managing and undertaking research activities leading to a REF return in Engineering.
2. Sustain a high quality publication record by publishing in refereed journals and presenting at conferences to assist individual research to enhance the School's international research profile.
3. Develop research proposals and funding bids, in collaboration with others as appropriate.
4. Assist with building, supervising and sustaining a construction and project management research group within the School.
5. Direct, coach and develop research staff, where appropriate.
6. Ensure that research projects are completed on time and within budget.
7. Develop networks of research excellence both nationally and internationally.

Leadership and Administration (10%-20% of time spent):

1. Contribute to the School's outreach strategy by developing external links.
2. Develop links with relevant industries or external bodies to encourage technology transfer opportunities and create opportunities for future research projects.
3. Provide pastoral care for students within own area to ensure, as far as practicable, that all relevant issues are dealt with in a timely, sympathetic and effective manner, including as Personal Academic Tutor.
4. Carry out designated School functions, including, for example, participation in committee work, assisting in the process of admissions, preparation of submission for teaching quality assessment or the REF.
5. Mentor colleagues to share expertise and experience.

Essential Criteria:

1. Hold or be about to obtain a PhD in a discipline relevant to Construction Project Management or BIM Project Management.
2. Hold a 2:1 degree or higher or equivalent in Management, Architecture, Building, Civil Engineering, Construction Management or a related discipline.
3. Minimum of five years relevant experience in the construction industry as a project manager.
OR; Minimum of five years relevant experience in academia, practice, research or education in one or more of the following areas:
 - Project Management, Planning and Control: candidate will be expected to be able to cover: construction programme scheduling, programme development and associated computer tools; site logistics, design management, value and risk management, supply chain management, quality and health and safety management.
 - Legal and contractual framework for procurement and construction project management.
4. Evidence of past experience to deliver high quality teaching in construction management and project management subjects at undergraduate or postgraduate level through the medium of English.
5. Evidence of publish work on construction and project management topics in peer reviewed/refereed journals.
6. Provide a history, commensurate with career stage, of applying for and obtaining peer reviewed research income from research councils and other relevant funding bodies.
7. Present their vision to strengthening the international excellence in research at the School of Natural and Built Environment and to developing collaborative networks.
8. High level of analytical capability.
9. Evidence of collaboration with and links to industry.
10. Developed English Language skills sufficient to relay complex information in English both orally and in writing.
11. Demonstrable intellectual ability and good time management.

Desirable Criteria:

1. Completed PGCHET or an equivalent teaching qualification.
2. 10 or more years relevant practical experience in the construction industry, ideally with a large contracting firm.
3. Experience of up to date digital project management tools.
4. Experience of teaching CPM subjects at postgraduate level.
5. Evidence of supervising research projects.
6. Evidence of good teaching evaluations.
7. Experience in design of new modules and/or assessment methods.
8. A strong record of publications, commensurate with career stage, in the wider construction and project management field in peer reviewed/refereed journals that are REF returnable within the Engineering Unit of Assessment.
9. A record of publications in relevant high SNIP journals.
10. A record of successful grant applications.
11. Successful supervision of PhD or MSc students.
12. Evidence of successful research collaboration, participation in collaborative networks or research teams.
13. Plenary or invited talks at international conferences or industry fora.