CANDIDATE BRIEF
Lecturer (Teaching and Scholarship) in Civil Engineering Design/Construction, Faculty of Engineering

Salary: Grade 8 (£40,792 - £48,677 p.a.)
Reference: ENGCV1096
Closing date: 07 May 2019

We will consider flexible working arrangements
Lecturer (Teaching and Scholarship) in Civil Engineering Design/Construction, School of Civil Engineering

Are you an experienced and ambitious teacher looking for your next challenge? Do you have either significant industrial experience in a relevant field of civil/structural engineering design and/or construction or a PhD in an associated topic plus subsequent related industrial/research experience? Do you want to further your career in one of the UK’s leading Universities? Are you passionate about delivering an exceptional student experience?

As a Lecturer in Civil/Structural Engineering Design and Construction you will be responsible for delivering modules related to Design and Construction both at the University of Leeds and for the joint programme at Southwest Jiaotong University, Chengdu, China for short periods of time.

The School of Civil Engineering is globally renowned for its teaching, research and engagement with industry and government. It is one of the largest and longest established Civil Engineering schools in the UK with over 650 students from over 70 countries. With a vision and drive to make a significant impact on the performance, stature and profile of scholarship and student education in the School in the field of design and construction, you will have a demonstrated commitment to excellence in teaching at undergraduate and masters levels, along with experience of teaching design, development and delivery of teaching materials in a Higher Education setting, with the ability to teach effectively at all levels.

Talented, enthusiastic and motivated, you will hold chartered membership of a relevant professional institution such as the Institution of Civil Engineers (CEng, MICE) or the Institution of Structural Engineers (CEng, MIstructE), or equivalent similar professional qualification. You will also have significant industrial experience in any relevant field of civil or structural design, and/or construction, that will complement current areas of expertise within the School, or a PhD in a relevant area of civil or structural engineering design and/or construction, with subsequent industrial/research experience in any related field that will complement current areas of engineering design/construction expertise within the School.
What does the role entail?

As a Lecturer (Teaching and Scholarship), your main duties will include:

- Design and construction focused teaching by delivering modules, including lectures, tutorials and workshops at different levels on undergraduate and/or postgraduate taught courses, regularly collecting and responding to student feedback;
- Supporting and delivering modules for the joint programmes with South West Jiaotong University, China, including making occasional visits to China to facilitate the joint delivery of the programmes in China;
- Assessment of students’ work including setting and marking exams and provision of timely feedback, identifying the learning needs of students and defining appropriate learning objectives;
- Assisting the School to embed industry standard design tools, processes and guides, as appropriate into the civil/structural engineering curriculum (Eurocodes, European materials specifications, civil/structural analysis software and Building Information Modelling software);
- Utilising and developing innovative approaches to learning and teaching of design and construction;
- Acting as a module and/or programme leader and to ensure that modules and programmes run to the required standard; playing a lead role in planning and developing modules and using feedback gathered from students to inform or adapt future teaching;
- A significant involvement in the review of modules and programmes and in quality assurance and enhancement as required and the implementation of project-based learning strategies and design-related modules;
- Developing project briefs and supervising MEng and MSc(Eng) postgraduate students undertaking design as well as individual research projects;
- Acting as a personal tutor, including pastoral care and providing support and guidance to students, resolving issues and/or referring to specialist parties, where appropriate;
- To be aware of and work in line with the University’s learning and teaching partnership and work with our students as members of a learning community to provide world class education and an excellent student experience;
- Utilising, developing and promoting innovative approaches to student education, including assessment and feedback;
Pursuing, developing and taking forward pedagogic developments relating to learning and teaching;

Producing scholarly pedagogic publications, disseminating findings across the University and externally, including contributing to conferences and high quality journals;

Contributing effectively to the strategic development of the curriculum and learning and teaching/student support policies;

Involvement in national networks in order to support pedagogical development and innovation and maintain an external profile with regards to learning and teaching.

These duties provide a framework for the role and should not be regarded as a definitive list. Other reasonable duties may be required consistent with the grade of the post.

What will you bring to the role?

As a Lecturer (Teaching and Scholarship), you will have:

- A first degree in Civil or Structural Engineering (or similar) that was accredited to Chartered Engineering level by ICE/IStructE (or similar);
- Chartered membership of a relevant professional institution such as the Institution of Civil Engineers (CEng, MICE) or the Institution of Structural Engineers (CEng, MIStructE), or equivalent similar professional qualification;
- Either significant industrial experience in any relevant field of civil or structural design, and/or construction, that will complement current areas of expertise within the School, or a PhD in a relevant area of civil or structural engineering design and/or construction, with subsequent industrial/research experience in any related field that will complement current areas of engineering design/construction expertise within the School;
- Willingness to undertake further learning and personal development training as may be appropriate to the post;
- The ability to advise and work with both large and small groups of students at all levels within the School, e.g. tutorials, designs, group projects, lab exercises, etc.;
- The ability to motivate and engender enthusiasm in others, as evidenced for example in student feedback obtained from previous teaching experience or from a successful track record of mentoring graduate engineers in industry, with a passion for transferring knowledge and skills to students;
• Experience of teaching design, development and delivery of teaching materials in a Higher Education setting, with the ability to teach effectively at all levels;
• Ability to lead pedagogical thinking and developments in the area of civil and/or structural engineering and design at a national or international level;
• Able to demonstrate team-working and networking skills;
• Ability to bring enthusiasm and practical skills to the area of design/project work;
• Evidence of high levels of self-motivation;
• Proven administrative and leadership skills, for example skilled in the area of project leadership, including willingness to work in line with the University’s Leadership and Management standard;
• Willingness to travel and work away from the UK for short periods of time to deliver modules at partner institutions abroad.

You may also have:

• A working knowledge of relevant civil/structural engineering codes of practice (such as the Eurocodes) and European construction materials specifications;
• Experience of developing innovative approaches to teaching or assessment;
• Evidence of previous programme or academic leadership.

How to apply

You can apply for this role online; more guidance can be found on our How to Apply information page. Applications should be submitted by 23.59 (UK time) on the advertised closing date.

Contact information

To explore the post further or for any queries you may have, please contact:

Dr Andrew Sleigh, Senior Lecturer, School of Civil Engineering
Tel: +44 (0)113 343 32398
Email: p.a.sleigh@leeds.ac.uk
Additional information

Faculty and School Information
Further information is available on the research and teaching activities of the Faculty of Engineering and the School of Civil Engineering.

A diverse workforce
The Faculty of Engineering is proud to have been awarded the Athena Swan Silver Award from the Equality Challenge Unit, the national body that promotes equality in the higher education sector. Our equality and inclusion webpage provides more information.

Working at Leeds
Find out more about the benefits of working at the University and what it's like to live and work in the Leeds area on our Working at Leeds information page.

Candidates with disabilities
Information for candidates with disabilities, impairments or health conditions, including requesting alternative formats, can be found on our Accessibility information page or by getting in touch with us at disclosure@leeds.ac.uk.

Criminal record information

Rehabilitation of Offenders Act 1974
A criminal record check is not required for this position. However, all applicants will be required to declare if they have any ‘unspent’ criminal offences, including those pending.

Any offer of appointment will be in accordance with our Criminal Records policy. You can find out more about required checks and declarations in our Criminal Records information page.