

## SENIOR DESIGN TUTOR

Job Ref: REQ17822

As part of the University's ongoing commitment to redeployment, please note that this vacancy may be withdrawn at any stage of the recruitment process if a suitable redeployee is identified.

### School of Architecture, Building and Civil Engineering

#### Teaching and Learning

The School offers a wide range of undergraduate programmes that cover most disciplines within the Built Environment including Civil Engineering, Construction Engineering Management, Commercial Management and Quantity Surveying, Architectural Engineering and Design Management, Air Transport Management and Transport and Business Management. From Oct 2017 we will launch our new undergraduate Architecture programme. Figure 1 illustrates key aspirational areas as part of the initial vision for the new programme.

This post has the unique opportunity to play a significant role in shaping the strong design culture we aspire to create within the School. The successful applicant will oversee the development of the design studio modules alongside the Programme Director within the new BArch Architecture programme.

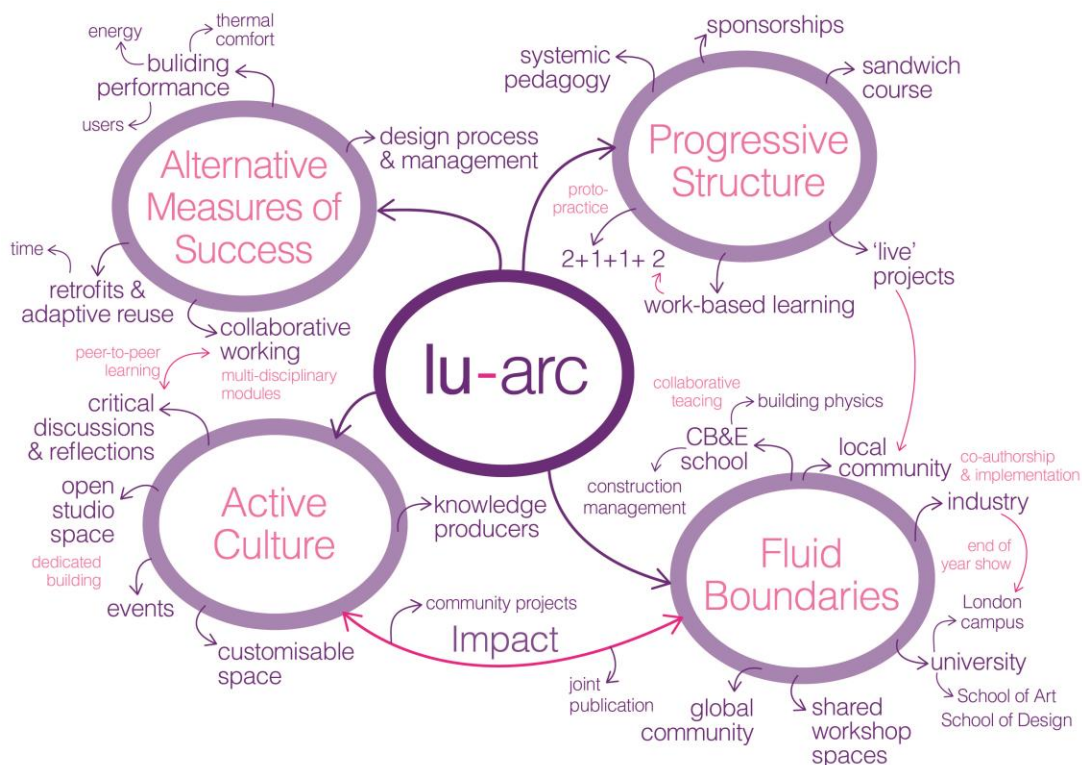


Figure 1 Key aspirations for the programme as part of the initial vision

The content of our programmes is directly aligned to the needs of the industry and there is a high level of sponsorship in our portfolio of programmes. Our record of graduate employment is second to none and we have consistently been ranked in the top three in one or more subjects in the National Student Survey for the last 5 years. Further information on our teaching may be found at: <http://www.lboro.ac.uk/departments/civil-building/>

At MRes level we train the next generation of multi-disciplinary researchers in energy demand. At MSc level, we offer programmes in Water and Waste Engineering, Construction Management, Low Energy Building Services Engineering and in Air Transport Management. These programmes are all accredited by the Professional Institutions.

## Teaching in Architecture

Our undergraduate BArch programme offers an alternative pathway to qualification as a four year programme with a work placement in the 3<sup>rd</sup> year (a year earlier than the conventional UK model) leading to current RIBA Part I. The undergraduate course will focus on a broad range of cross disciplinary learning including opportunities within the School (building science, management) and across Schools – School of the Arts, Design School and Materials Engineering and the linking of theory and practice through work experience.

The successful candidate will support and co-ordinate the delivery of design studio teaching. The successful candidate should demonstrate evidence of high level innovative teaching in Architecture at undergraduate and/or postgraduate students, particularly in devising creative teaching solutions that have impacted positively on learning. For additional information about the architecture programme please see our website: [www.lboro.ac.uk/architecture/](http://www.lboro.ac.uk/architecture/)

## Research

The School has an established record for research excellence. In the recent assessment, Research Excellence Framework (REF), undertaken in 2014, Loughborough University was ranked 14th out of 128 universities based on research intensity. In the School of Architecture, Building and Civil Engineering we return our staff to two units of assessment: Architecture, Built Environment and Planning, where we were ranked 2nd (out of 45) on research intensity; and Civil and Construction Engineering, being ranked 5th (out of 14) on research intensity.

The REF2014 results also showed:

- Quality - Over 75% of the School's research was rated as world-leading or internationally excellent
- Impact - 95% of our research was rated as world-leading or internationally excellent for its influence on society, the economy and policy <http://www.lboro.ac.uk/research/our-research/case-studies/>
- Environment – Ranked first in Architecture, Built Environment and Planning
- Uniquely in UK civil engineering and built environment research, 100% of eligible staff are research active

Further information on our research may be found at: <http://www.lboro.ac.uk/departments/cv/research/index.html>

## International Standing and Excellence

Collaborations are encouraged and, nationally, research links have been formed with groups in the Universities of Birmingham, Bristol, Cranfield, Cambridge, Leeds, Lancaster, Liverpool, Leeds, Newcastle, Oxford and Surrey. These links typically take the form of joint research projects with the short-term exchange of academic and research staff. The international standing of our research is exemplified by our growing portfolio of collaborations with other leading Universities and research institutes worldwide. Examples of collaborating partners include the Universities of TU Delft, UNSW Sydney, University of California at Berkeley, MIT, Tokyo, Hong Kong, Iowa State, RMIT, and PennState. We are equally proud of our collaborations with industry where organisations such as Foster & Partners, Allies & Morrison, AECOM, Atkins, Buro Happold, Cambridge Architectural Research Limited, J&P Building Systems Limited, Mallinson Architects & Engineers, SAGE Electrochromics Inc, SE Controls Ltd, Solidspace and Structherm are our partners. The development of these long-term, national and international links is a vital element of the School's on-going research strategy.

## Research in Architecture

The Architecture and Design Management Group is research-led. The group have published several leading books and papers, and have representation on related research, industry and standards committees. They have a particular strength in **sustainable building design and construction**. With the addition of the Architecture programme, we aim to grow our research expertise in three particular areas: **Digital Architecture; Architectural Tectonics; and Urban Theory & Design**.

An optional part time (0.3 FTE) PhD studentship will be offered to suitable applicants alongside this part-time post (0.7 FTE). The studentship will include a pro rata (0.3) stipend at EPSRC rates (full time rate 2017/18 = £14,553) and PhD fees will be covered by the institution. The PhD will be supervised by subject specialists within the school.

## Job Description

**Job Grade:** Specialist and Supporting Academic Grade 7

The position is 0.7 FTE (typically full-time during teaching, preparation and assessment weeks) and fixed for a 5 year period.

### Job Purpose

To contribute to and enhance the teaching activities of the School of Architecture, Building and Civil Engineering in the area of architecture in support of the University Strategy, Building Excellence.

### Job Duties

#### *Teaching*

- To oversee the development of the design studio modules alongside the Programme Director.
- To co-ordinate the work of the Design Tutors and Bought-In-Teachers who also support the design studio module delivery.
- To take on the academic responsibility for co-ordinating the timetabling of design studio teaching across all years and modules.
- To refine and develop, learning outcomes, assessment practices, feedback systems and evaluation processes for students and staff for design studio modules within the programme.
- To teach and inspire undergraduate and postgraduate students in architectural design and to conduct associated assessments.
- Supporting the Architecture Programme Director by co-ordinating assessment of design studio work, including involvement in internal and external assessment boards and on accreditation boards, as required.
- To work with colleagues in the School to deliver an exceptional learning environment for students.
- To provide academic and pastoral support to undergraduate and postgraduate students.
- To promote the use of a range of methods and techniques in teaching, learning and assessment.
- To engage in the evaluation and development of modules for which you have responsibility, in terms of content, delivery and assessment.
- To be responsible for the design and content of specific areas of teaching and learning within the School's undergraduate and postgraduate programmes.
- To cooperate with colleagues in the continuous review and development of the School's taught programmes and curriculum.

#### *Related Activities and Functions*

- To work effectively with relevant administrative, technical and academic staff in the School and across the University.
- To carry out specific administrative roles and functions as may be reasonably required.
- To take part in and, on occasion, act as chair of one or more School committees.
- To engage in training programmes in the University (e.g. through Staff Development) which are consistent with your needs and aspirations and those of the School.
- To undertake such other duties as may be reasonably requested and that are commensurate with the nature and grade of the post.
- To engage fully with the annual Performance and Development Review (PDR) process.

### Points To Note

The purpose of this job description is to indicate the general level of duties and responsibility of the post. The detailed duties may vary from time to time without changing the general character or level of responsibility entailed.

### Special Conditions

All staff have a statutory responsibility to take reasonable care of themselves, others and the environment and to prevent harm by their acts or omissions. All staff are therefore required to adhere to the University's Health, Safety and Environmental Policy & Procedures.

All staff should hold a duty and commitment to observing the University's Equality & Diversity policy and procedures at all times. Duties must be carried out in accordance with relevant Equality & Diversity legislation and University policies/procedures.

Successful completion of probation will be dependent on attendance at the University's mandatory courses which include Respecting Diversity and, where appropriate, Recruitment and Selection.

### **Organisational Responsibility**

**Reports to:** Architecture Programme Director

**Direct reports:** None

Dotted line to two Design Tutors and Bought in Teachers for Design Modules

## Person Specification

Your application will be reviewed with respect to meeting the essential and desirable criteria listed below. Your application will be reviewed against the essential and desirable criteria listed below. Applicants are strongly advised to explicitly state and evidence how they meet each of the essential (and desirable) criteria in their application. Stages of assessment are as follows:

- 1 – Application
- 2 – Test/Assessment Centre/Presentation
- 3 – Interview

### Essential Criteria

Area	Criteria	Stage
Experience	Evidence of research and/or academic activity in architecture which is consistent with the needs of the School of Architecture, Building and Civil Engineering	1
	Significant experience in architectural practice with an awareness of current trends and advances within the profession - both nationally and internationally	1,2,3
	Experience of working in a high quality academic environment	1
Skills and abilities	Ability to develop design studio module content and to deliver high level innovative teaching in Architecture at undergraduate and/or postgraduate level	1,2,3
	Ability to lead the work of a team, co-ordinating effort and resources to deliver objectives in supporting the development of the programme towards successful Royal Institute of British Architects (RIBA) course validation and Architects Registration Board (ARB) accreditation	1,2,3
	Experience of successfully supervising the projects of taught and research students or company staff at equivalent levels	1,3
	Excellent communication and interpersonal skills which give you the ability to engage with students, colleagues, business and other agencies on a wide variety of issues including complex technical content.	1,2,3
	Ability to lead a design studio	1,3
	Excellent design skills	1, 2
	Excellent IT skills	1
Training	Commitment to and evidence of continuing professional development	1,3
Qualifications	Achieved or progressing towards RIBA/ARB professional status	1
	A good educational profile up to and including relevant first degree and masters	1
Other	Commitment to observing the University's Equal Opportunities policy at all times	1,3

## Desirable Criteria

Area	Criteria	Stage
Experience	Research experience in architecture	1,2
	Experience of successfully completing an RIBA board visit	1,3
	Experience of work in or in collaboration with architectural practices or other businesses in the built environment sector	1
	Experience of overseeing design studio activities including supervising design tutors and bought in teachers	1,2
	Experience of module development	1,3
Skills and abilities	Ability to take part in programme development and to support the development of a new undergraduate architecture degree programme	1,3
	A sound understanding of the issues facing architectural practice	1,3
	Knowledge of the challenges faced in UK HE	1
Qualifications	Relevant PhD or equivalent experience	1

## Conditions of Service

The position is 0.7 FTE pro rata and fixed term for 5 years. Salary will be in the Specialist and Supporting Academic Grade, £39,324 to £46,924 pro rata per annum, at a starting salary to be confirmed on offer of appointment. Subject to annual pay award.

The appointment will be subject to the University's normal Terms and Conditions of Employment for Academic and Related staff, details of which can be found [here](#).

The University is committed to enabling staff to maintain a healthy work-home balance and has a number of family-friendly policies which are available at: <http://www.lboro.ac.uk/services/hr/a-z/family-leave-policy-and-procedure---page.html>

We also offer an on-campus nursery with subsidised places, subsidised places at local holiday clubs and a childcare voucher scheme (further details are available at: <http://www.lboro.ac.uk/services/hr/a-z/childcare-information---page.html>)

In addition, the University is supportive, wherever possible, of flexible working arrangements. We also strive to create a culture that supports equality and celebrates diversity throughout the campus. The School holds a Bronze Athena SWAN award which recognises the importance of support for women at all stages of their academic career. For further information on Athena SWAN see <http://www.lboro.ac.uk/services/hr/athena-swan/>

## Informal Enquiries

Informal enquiries should be made to Dr Robert Schmidt III, Architecture Programme Director, by email at [R.Schmidt-III@lboro.ac.uk](mailto:R.Schmidt-III@lboro.ac.uk), or by telephone on 01509 222659.

## Applications

To apply, you must provide the following\*:

1. A completed standard application form
2. A full CV including a full publications list.
3. A portfolio (16 sides max) illustrating student design work and/or professional work

\* The online application process will allow you to attach a single file. We recommend that you bundle items 2 and 3 into a single pdf document to upload.

The closing date for receipt of applications is **Friday 29 September 2017**.