

Senior Lecturer in Architectural Technology (1.0FTE)
Mackintosh School of Architecture
Permanent

The Glasgow School of Art

The Glasgow School of Art (GSA) is one of Europe's leading independent university-level institutions for the visual creative disciplines. Our studio-based, specialist, practice-led learning and research draws talented individuals with a shared passion for visual culture and creative production from all over the world.

Originally founded in 1845, today we have 2300 students studying across architecture, design, digital, fine art and history and theory. As we develop new academic programmes and enhance our areas of expertise and inter-disciplinarity, our ambition is to continue to grow our student community in Glasgow to our 25% target, and continue to grow our research profile and campuses in Singapore and the Scottish Highlands and Islands. Our internationalisation strategy is embedded across our academic programmes and research, connecting the GSA with some of the world's leading universities and specialist higher education institutions.

Recognised by the Scottish Funding Council as an independent, specialist institution, the GSA is an important and integral part of Scotland's higher education provision. Working in partnership with universities across Scotland and the UK, our degree programmes are validated by the University of Glasgow. The University of Glasgow has validated our programmes since 1992 and whilst the Senate of the University has ultimate responsibility for the awards, there is maximum delegation to the GSA for its own quality assurance procedures. The School, through its Academic Council, is also responsible for the development, monitoring, evaluation and updating of its academic framework.

Our 185 academic staff, 80% of which are research active, form a strong creative community united in the ambition to see GSA positioned as a global leader in studio based research and teaching, transforming thinking by developing creative approaches with new audiences, locally, nationally and internationally. As one of the UK's largest and most intensive research communities for the visual creative disciplines, GSA's research activity is clustered into the following interdisciplinary themes:

- Architecture, urbanism and the public sphere
- Contemporary art and curating
- Design innovation
- Digital visualisation
- Education in art, design and architecture
- Health and wellbeing
- Material culture
- Sustainability

Moving forward GSA has ambitious plans to develop its research profile further through internal collaboration and new partnerships with National and International Organisations. We recognise the distinctive contribution made by visual creative disciplines within the rapidly growing interdisciplinary research agenda and seek to position GSA as a global leader in this field. This will involve development and mentoring of GSA's own research talent, recruitment of the best new staff, the securing of higher levels of external research funding to support research projects and further growth in the scale and activity of GSA's PhD community.

While we are firmly rooted in Glasgow, one of Europe's leading creative cities, we are international in outlook with one of the UK's highest percentages of international students and one of Scotland's largest percentages of students from the rest of the UK. Over the last five years over £65 million has been invested in our estates including the recently opened Reid Building. Further investment is currently being planned which will create a cohesive creative campus with the iconic Mackintosh Building at its core.

We have a total income of over £30m, and our aim is to cultivate conditions in which the GSA can continue to achieve great things through what we do, with whom we do it and through creative approaches build on our existing strengths and distinctive assets, in order to:

- Achieve excellence and leadership in student-centred studio-based learning
- Engage with new audiences through inter-disciplinary research
- Extend our global reach and creative engagement
- Be a robust and efficient institution – maximising our resources and our potential

The Studio

Our studio-based approach to learning and innovation has particular relevance in the 21st Century. The place of the studio in creating the environment for inter-disciplinarity, peer learning, critical enquiry, experimentation and prototyping can help to address many of the grand challenges confronting society and contemporary business. It provides space to bring disciplines together, exploring problems in new ways to find innovative solutions. Studio is at the heart of our pedagogy, how we work and how we engage with others.

The Mackintosh School of Architecture

The Mackintosh School of Architecture is a highly regarded school, based at the Glasgow School of Art. Here, architecture is understood as a socially-informed and rigorous creative discipline which harnesses construction and technology to make better places for people to live out their lives as individuals and communities. We consider imaginative, holistic thinking and making is vital in mapping and reaching architectural destination- the key role of the architect of the 21st century. The school is known nationally and internationally and draws high quality students from around the world.

Our approach is fundamentally simple - we care about how buildings and places are made and used. This deep concern is reflected in the design reputation of the 'Mac' - for aesthetically and intellectually rigorous architecture. Architectural Technology is taught through a range of inputs including lectures and tutorials, but also integrated studio projects, and embedding knowledge of technology into the studio programmes is an important principle.

This role is for a Senior Lecturer who has a deep knowledge of technology, but who is also passionate about teaching this to students. Technology subjects include Environmental Design, Principles of Building and Structures, and in this role, we are particularly looking for someone who has specialist knowledge and expertise in structures and tectonics in an architectural context. The post holder will undertake both specialist input, but also the development and coordination of the technology curriculum, particularly at Diploma/Masters level.

The post holder will also be research active at REF level. The MSA has a developing research culture and largest and most active area is the Mackintosh Environmental Architecture Research Unit which is made up of Architectural Technology staff (MEARU).

Since 1994 MEARU has been pioneering environmental architecture by researching sustainable architecture and the relationship between architectural design and architectural science. MEARU use their research and expertise to inform the design and delivery of Architectural Technology content at the MSA.

The unit has enjoyed considerable recent success with over £4m worth of funded research in the last 7 years and a range of funded projects and consultancies. These include large scale funding from the EPSRC and AHRC, Knowledge Transfer Partnerships with Architects and Housing Associations, research undertaken on behalf of Government and legislators, and a series of industry funded research projects. The unit has developed considerable expertise and is published widely, both in academic circles, but also through industry dissemination and knowledge exchange. It is a rapidly growing and successful unit and this is an opportunity for a talented and enthusiastic individual to contribute to this important and growing area and join our team.

The Role

Job Title	Senior Lecturer in Architectural Technology (1.0FTE)
Location	Mackintosh School of Architecture, Glasgow
Reports to	Head of Architectural Technology/Director MEARU
Purpose	<p>Be responsible for the management and development of academic programmes within Architectural Technology, including curriculum and programme development</p> <p>To lead, co-ordinate and undertake teaching of the principles and application of architectural technology, particularly structures, through lectures, tutorials, workshops and online, including teaching, assessment and feedback at both Undergraduate and Post Graduate levels</p> <p>Supervise postgraduate and PhD students</p> <p>To make a significant contribution to the development and direction of high-quality research within MEARU. Produce high quality outputs and generate research funding to help achieve a strong and sustainable research base from which to generate knowledge transfer activity and inform teaching</p>
Key liaisons	Head of School of MSA Head of Architectural Technology / Director, MEARU UG Technology coordinator Postgraduate/Diploma Programme Leaders

Key Accountabilities:

Strategic

- Lead and co-ordinate the teaching of Architectural Technology at Diploma and Post-graduate levels

- Help embed knowledge of structural and environmental system design through lectures, seminars and tutorials and synthesize them into the studio projects, working with studio tutorial teams at undergraduate and postgraduate levels
- Co-ordinate development of student learning and curriculum development in relation to existing and new course development
- Lead in developing and implementing MEARU research activity, through project development, research outputs and knowledge transfer and help develop its profile nationally and internationally, networking and developing new collaborations
- Develop new research, consultancy, knowledge transfer and income generation, and impact case studies/evidence
- Contribute to the strategic research development, and the further development of the research culture in MEARU, the MSA and the GSA

Operational

- Liaise with and lead staff in the coordination and curriculum development of Architectural Technology content, delivery and assessment
- Prepare, deliver and assess Architectural Technology course content in discussion with Head of AT, Programme leaders and Stage leaders
- Undertake research tutorial supervision at Diploma and Postgraduate levels
- Participate fully as a member of the academic team, playing a key role in academic planning and management of the programmes
- Develop and lead research projects
- Produce high quality research outputs to REF standards
- Participate in GSA research and teaching initiatives
- Generate income for personal and/or collaborative research or the equivalent through consultancy that leads to research.
- Maintain external recognition and impact activity
- Mentor less experienced researchers including Early Career Researchers in MEARU

Other

- Participate in the School's Career Review process and undertake relevant staff development
- Undertake Health and Safety duties and responsibilities appropriate to the post
- Implement and promote the School's Equal Opportunities policy
- Observe ethical research procedures

Key Challenges

- Lead the development and integration of Architectural Technology in Diploma
- Contribute to the strong teaching, research and studio cultures within the school
- Continue to develop curriculum and course content
- Develop programme enhancements and development of new programmes
- Keep in touch with developments in learning and teaching, maintaining a reflective and critical view of our performance, investigating and initiating ways of achieving improvements
- Maintain links with external environments and contexts in order to maintain the relevance of courses, linking the school to the outside world, locally, nationally and internationally
- Use research knowledge to inform teaching
- Contribute to the further development of a high quality sustainable research environment
- Increase external research income and diversify the range of sources of income
- Contribute to individual and MEARU success in research outputs, income, knowledge exchange, consultancy and impact

Person Specification

Experience and knowledge

- Possess a recognised doctoral or excellent postgraduate qualification in architecture, environmental design/structural design or a relevant discipline, or be able to demonstrate significant comparable academic or industry / practice skills and experience.
- Current knowledge and experience of teaching and curriculum development within contemporary Higher Education, and the management of academic delivery and personnel.
- Specialist knowledge and expertise in structures and tectonics in an architectural context.
- Ability to demonstrate academic ability in research with experience of research with individual and/or collaborative research to international levels of excellence tending to world-leading (3* to 4*).
- Experience of working in a Higher Education research environment in architecture and experience of funded research and/or grant application and development

Skills

The postholder will be a motivated individual with excellent interpersonal skills and tenacity, and experience of working in creative, technical and scientific disciplines.

The successful candidate will demonstrate:

- Ability to work individually, whilst also being able to work as part of a team, to agreed objectives, and to tight deadlines
- Proven analytical, organisational, and communication skills
- High level IT skills including analytical tools and BIM
- Concern for the ethical implications of research
- High levels of motivation
- Awareness of, and sensitivity to, cultural diversity
- Commitment to equal opportunities and widening participation

Terms and Conditions

- **Staff Development:**

A minimum of five days are guaranteed under HE2000 terms and conditions. However, the School is committed to encouraging staff development for all its employees, which is to the benefit of the individual as well as the Institution as a whole.

- **Activity Plan:**

Duties and pattern of working will be set out in an Activity Plan. The plan will include: jointly agreed objectives including milestones and outcomes and an appropriate balance of teaching, research, consultancy, scholarly activity, personal development and other possible activities within the duties of an academic.

Contract

Permanent

Probationary Period

It is recognised that there is an inevitable 'settling in' period in any post. The probationary period is therefore an opportunity for the employee to fit within the culture of the School. It should also be determined during this time whether the job is in line with expectations as expressed in pre-appointment discussions,

interview and as set out in the Job Description. The probation period for this role is 12 months.

Salary	Grade 8 £50,132 - £58,089 per annum
Hours	35 hours per week
Holidays	35 days plus 11 statutory holidays per annum
Pension	Option to join Scottish Public Pensions Agency
Notice Period	3 months