

MSc Environmental Architecture

Mackintosh School of Architecture

A new Masters in Environmental Architecture at the Mackintosh School of Architecture within The Glasgow School of Art, will provide students with specialist knowledge and insight into the relationships between low energy architectural design, energy and environmental performance, and building occupants.

Illustration levels

Mackintosh School of Architecture student Tzuahn Lin measures illumination levels in daylight shafts in the Reid Building



MACKINTOSH SCHOOL OF ARCHITECTURE
THE GLASGOW SCHOOL OF ART

MSc Environmental Architecture

The Masters in Environmental Architecture at the Mackintosh School of Architecture within The Glasgow School of Art, provides students with specialist knowledge and insight into the relationships between low energy architectural design, energy and environmental performance, and building occupants.

The programme is based on the research strengths of the Mackintosh Environmental Architecture Research Unit (MEARU) and active research projects inform the teaching content. For more information regarding the work of MEARU visit: www.gsa.ac.uk/research/research-centres/mearu

The programme offers balanced academic and practical content. Students explore the latest developments in environmental design theory and practice and there are also opportunities to participate in on-going MEARU research projects. Students will work within an architectural school with a well-established design culture, and within a specialist research unit providing key research skills.

The core content is structured to provide students with an intellectually intense experience in the contemporary issues of theory integrated with the practice of design of sustainable and healthy built environments. Project-based learning and case study models enable students to develop real world learning skills and experience. The dissertation/design thesis provides a vehicle through which candidates will be supported to become masters of their selected subjects of interest.

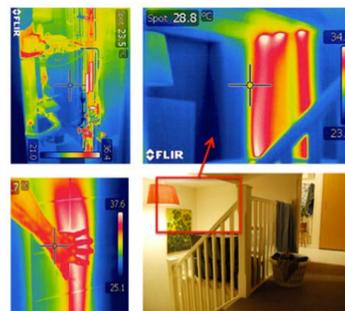


Mackintosh School of Architecture students participating as occupants for MEARU scenario testing of environment and energy performance.

The Glasgow School of Art welcomes international students to all of its programmes. The School offers an environment in which difference is encouraged and diversity of background and approach is valued. International students at the School come from over 79 countries who each, in their turn, further contribute to the international dimension of the learning experience at the School. Glasgow is a vibrant city and is home to over 80,000 students at its 5 institutions of higher education. It was recently voted Britain's best student city.

Scholarships

There are funded places available for the September 2016 intake. For more information on scholarships visit: www.gsa.ac.uk/scholarships



Thermographic imaging of dwellings at the Dormont Park Passivhaus Project undertaken by MEARU.

Programme Information

12 months' full time

Stage 1

1. Theory of Environmental Architecture
2. Environmental Design and Analysis in Architecture
3. Building Performance Evaluation
4. Core Research Skills for Postgraduates

Stage 2

5. Energy, Comfort and Health
6. Dissertation Proposal / Design Thesis Proposal
7. Technical Research Paper
8. Cross School Elective

Stage 3

9. Dissertation/Design Thesis

Facilities

Students are provided with a dedicated studio space equipped with desktop computers and access to relevant design and/or simulation software packages. Students also have access to specialised environmental monitoring tools and equipment to carry out detailed assessments of building energy performance, lighting, acoustics, fabric performance, ventilation and indoor air quality.

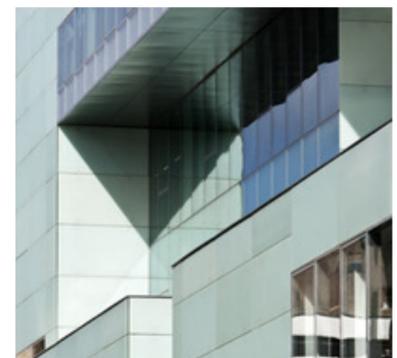
Award

MSc Environmental Architecture. All GSA degree programmes are validated by the University of Glasgow. Established in 1451, the University of Glasgow is a member of the prestigious Russell Group of leading UK research universities.

The programme is directed by leading researchers Prof. Tim Sharpe and Dr. Filbert Musau with additional teaching content undertaken by established researchers in this specialist field including Prof Colin Porteous OBE.

Guest Lecturers

Prof. Susannah Hagan, Prof. Dean Hawkes, Prof. Gokey Deveci, Prof. James Pickard.



The Reid Building designed by Steven Holl, Glasgow School of Art Campus, Glasgow

Possible routes/jobs after graduation

This programme equips students with skills and knowledge that can be applied to practice in the fields of architectural design, environmental consultancy, building management or policy.

How to Apply

Further Information on applying to the Mackintosh School of Architecture visit: www.gsa.ac.uk/applypg

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www.gsa.ac.uk Charity reg. no. SCO12490



The historic Glasgow School of Art Building designed by Charles Rennie Mackintosh.