

The University of Strathclyde

The Department of Architecture and Building Science

GLASGOW

DEGREE PROGRAMMES

Bachelor of Science
3-year programme: BSc in Architectural Studies
BSc in Architectural Studies and European Studies

Master programmes: MArch in Advanced Architectural Design
MSc/PgDip in Computer Aided Design
MSc/PgDip in Facilities Design and Planning
MSc/PgDip in Urban Design

CONTACT INFO

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Head of the School

GENERAL INFO

Application deadline: Please contact school for more information.

Tuition and fees: Please contact school for more information.

Accommodation: Please contact school for more information.

Setting: Situated at the heart of the dynamic city of Glasgow

Student population: Please contact school for more information.

Faculty: Please contact school for more information.

Student service/activities Student activities Undergraduate and Postgraduate students of the Department are members of the Architectural Society. The Society concerns itself primarily with visits, lunch-time lectures by prominent architects, open days and social activities. Its success is very much dependent upon student enthusiasm and commitment. Within the Department, each year elects student representatives who are then members of the Departmental Meeting and Staff/Student Liaison group. The Departmental Meeting convenes generally twice in each semester to consider routine business, the curriculum and any matters of concern to staff or students.

Facilities: The Department possesses fully equipped mixed media lecture theatres and a gallery that is used for reviews and visiting exhibitions. As well as being close to the University Main Library, the Department has its own Information Room with periodicals, theses, key book titles and on-line information services. Being part of a Faculty of Engineering students have access to a variety of workshops and technicians for physical modelling.

Admission requirements: Please contact school for more information.

Language: English

Profile of the school

The University of Strathclyde is one of the oldest and largest centres of architectural education and research in Britain, offering a wide range of opportunities for study at undergraduate and postgraduate levels. The School's international profile and the outlook which it has built up alongside its close and long established working relationship with the City of Glasgow and the West of Scotland make it a particularly stimulating place to be. Students from many European and non-European countries form part of a lively international community which animates and enriches work in the School. Correspondingly many of our students, through exchange programmes, spend part of their studies abroad.

Structure of the curriculum

The first two years of the course are common to all students of Building Design Engineering and are intended to provide a basic background in the related sciences and an introduction to architectural, structural and services facets of building design. Design project work in years 1 and 2 introduces practical problems involved in smaller buildings and provides a medium for integrating the topics being developed in the taught classes. All design project work is carried out in the Design Studio under the supervision of Architects, Structural Engineers and Building Services Engineers, many of whom are drawn from practice on a parttime basis. In the third and fourth years a wide range of options are available which allows students, from a base of design project work, to pursue a degree of specialisation in Services Engineering, Structural Engineering or Architectural Design all within a framework which emphasises the development of team working skills using multi-disciplinary integrated design projects as the design studio vehicle.

Research programme

See PhD programme on following page.

Bachelor programme

In addition to the Undergraduate degree in Architectural Studies the University of Strathclyde offers an undergraduate course in Building Design Engineering which has at its core an interdisciplinary approach to integrated building design. Within the Faculty of Engineering, the skills of civil, structural, mechanical and environmental engineering exist alongside and associated with architecture and building science.

Drawing on existing courses from all of these departments, and concentrating on the integration of knowledge through design project work, the University believes that a Building Design Engineering graduate will be uniquely qualified to play an important role in industry. After a preparation of basic studies, students will have opportunities to develop skills and talents in one of several specialised areas - building services engineering, structural engineering, architectural design, or construction management. The central integrating theme of the course is design project work. An understanding of and experience in the design process is seen as fundamental to the application of relevant technology and to the management of the construction process to achieve the realisation of that technology.

Master programme

The BSc Honours courses at undergraduate level lead, usually after a "Year Out" of experience in architectural practice, to a one year Postgraduate Diploma or Master's course in the Graduate School. Here a diverse range of optional studies can be pursued, all exemplifying and exercising aspects of the core activity of Architectural Design.

This opportunity to specialise within Architecture via a range of PG diploma, MArch or MSc qualifications is a particular feature of Strathclyde's Graduate School programme giving our students a much widened choice of career paths which we know are highly relevant to the needs of future architectural practice.

The taught Postgraduate Diploma courses carry exemption from Part II of the RIBA's professional examination - proof of the high regard the profession has for Strathclyde architecture graduates. With approval and with an additional period of study the Diploma can be converted into a Master's Degree.

PgDip/MArch in Advanced Architectural Design explores current theoretical approaches to architectural design and thus to develop and display formal and technical architectural ability in a creative and critical way.

PgDip/MSc in Computer Aided Building Design presents a broad range of knowledge reflecting current developments and research interests in CAD, relating this knowledge to current architectural practice.

PgDip/MSc in Facilities Design and Planning responds to industry requirements by producing graduates equipped to use new concepts, methods and techniques for the design and management of buildings- in-use and support services.

PgDip/MSc in Urban Design helps those involved in urban development to enhance their understanding of the city and to develop skills in the application of advanced physical planning and design methods and the assessment of the environmental impact of individual development projects.

PhD Programme

The Department's teaching programmes, provides in addition a solid intellectual framework for the pursuit of higher degrees such as an MPhil or PhD. The diversity of research has been achieved by setting up a number of dedicated units. ABACUS (Professor Thomas Maver) - Architecture and Building Aids Computer Unit Strathclyde, that seeks to advance the effective use of information technology in architecture through research, teaching and consultancy.

CFM (Mr Keith Alexander) - Centre for Facilities Management, that seeks to advance the practice of facilities management (FM) internationally through research, training and advisory services SEMU (Dr Paul Yaneske) - Safety and Environmental Management Unit, that is involved in the improvement in the quality of health and safety and environmental management within the built estate through research applied to the development of practical tools and through education and training.

UDSU (Dr Hildebrand Frey) - Urban Design Studies Unit, that strives to help professionals involved in urban development to evolve programmes and design frameworks for sustainable urban development.

CEDAR (Professor Michael Corcoran) - Centre for Environmental Design and Research, whose goal is to enhance the quality of the built environment and protect the wider environment by advancing knowledge and understanding of environmental behaviour and control related to the design and use of buildings. CADET (Mr John Wood) - Computer Aided Design Education and Training which provides a regular series of training courses in the application of CAD within architectural practice and education and to provide a base from which to conduct research and consultancy related to this specialised area of CAD activity.

PATH (Professor Per Kartvedt) - The Production of Architecture Theory and History, that makes an active contribution to the international debate about the history and theory of architecture and the built environment.