

Masters of Architectural Science (MArchSc) Programme

Programme Overview



School of Architecture, University College Dublin

MASTERS OF ARCHITECTURAL SCIENCE (MArchSc)

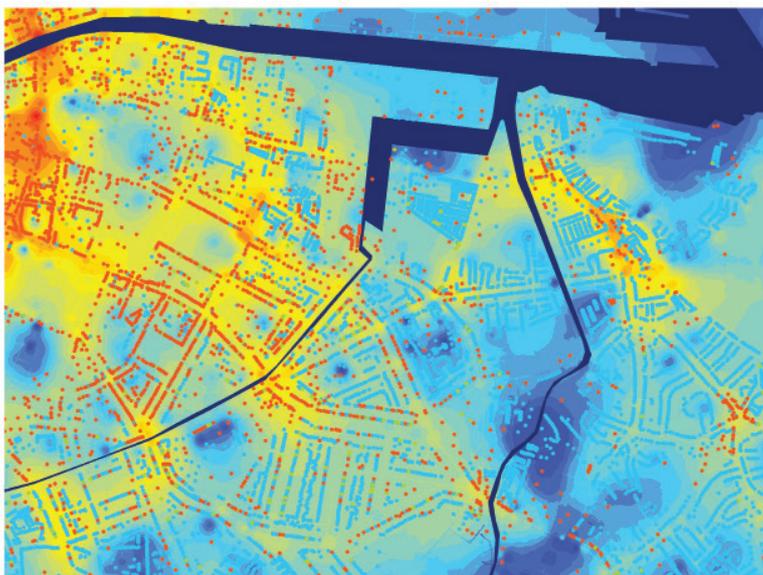
The Masters of Architectural Science taught masters programme is rooted in integration of three of the proven research strengths of the UCD School of Architecture and the school's pre-eminence throughout Ireland as a center for graduate research in architecture and its related disciplines. The four strands of specialisation of the taught masters programme are Conservation & Heritage, Sustainable Building Design & Performance, Urban Design and Landscape.



Student study trip

The programme has evolved from the existing research masters programme in Urban and Building Conservation (MUBC), the research masters programme in Urban Design (MUD) and also from the research of the UCD Energy Research Group, which has been engaged in a range of EU and national research activities and postgraduate student supervision for the past 35 years. The programme also acts as an introductory vehicle for those wishing to pursue further research at research masters or PhD level while also providing expertise to building professionals.

The programme believes that the best postgraduate education takes place in an interdisciplinary environment. The educational and research activities from which it derives have long held that by getting all the disciplines involved in designing, planning, making and protecting the designed environment into the same lecture room, design studio or study trip, new insights into the key issues affecting that environment are formed. Students will be encouraged to work across disciplines to question what has happened to make the environment the way it is and how this could be improved in the future.



Study of urban movement and distribution.

Architecture at UCD

The UCD School of Architecture is home to Ireland's longest-running and most prestigious architecture programme. Over the past century, the School has been of central importance to all aspects of architectural culture; producing graduates of the highest calibre, achieving excellence in research and fostering innovation, experimentation and debate.

In 2012, the UCD School of Architecture celebrated 100 years. Its undergraduate, graduate and research programmes cover all aspects of the practice of architecture and landscape architecture, as well as advanced areas of conservation, sustainability, history and urbanism.

Its staff include many of the leading figures in architectural practice as well as internationally-recognised researchers. Its graduates are working all over the world.

Rooted in its context, the school is global in its outlook. Uniquely in Ireland, its architecture programme is accredited by the Royal Institute of British Architects as well as the Royal Institute of the Architects of Ireland and its landscape architecture programme is recognised by the European body of the International Federation of Landscape Architects thus ensuring all graduates an internationally benchmarked qualification.

UNIVERSITY COLLEGE DUBLIN is the largest and most international of Ireland's universities with a student population of over 24,000. It was established in 1854 by John Henry Newman whose classic work 'The Idea of a University' is one of the most enduring texts on the value of higher education and a source of inspiration for UCD's current educational philosophy.

UCD, as one of Europe's leading research-intensive universities, ranks among the top 1% of universities worldwide. With over 5,000 international students from over 100 countries and over 250 exchange partners UCD is Ireland's most globally-networked university and has prioritized internationalisation as a key aspect of the UCD student experience.

Studying in Dublin

Ireland's worldwide reputation for high quality education is built on the solid foundation of commitment to excellence. Ireland combines contemporary modern cities with an unspoilt countryside, cityscapes steeped in history and a rich natural habitat.

Dublin, the capital city of the Republic of Ireland, is an invigorating place to study abroad. Built by the Vikings on the banks of the river Liffey, Dublin boasts the youngest population in Europe, over 100 different nationalities, a rich cultural, literary and artistic heritage.

Module and ECTS* Structure Overview

	Conservation and Heritage (T280)	Sustainable Building Design & Performance (T281)	Urban Design (T282)	Landscape (T289)
Semester 1	Research Methods for the Designed Environment - ARCT 40300 (5 ECTS)			
	Conservation History, Theory and Policy - ARCT 40170 (5 ECTS)	Sustainable Building Design & Performance I - ARCT 40640 (5 ECTS)	Introduction to Urban Design ARCT 40660 (5 ECTS)	Conservation History, Theory and Policy - ARCT 40170 (5 ECTS)
	Negotiated Elective Module (5 ECTS)			
	Postgraduate Architecture Studio - ARCT 40680 (15 ECTS)			
Semester 2	Case Studies and Reflective Practice - ARCT 40290 (5 ECTS)			
	Materials and Technology in Conservation I - ARCT 40730 (5 ECTS)	Sustainable Building Design & Performance II ARCT 40630 (5 ECTS)	Urban Design Theory ARCT 40180 (5 ECTS)	Multidisciplinary Approaches to Landscape - ARCT 40820 (5 ECTS)
	Materials and Technology in Conservation II - ARCT 40750 (5 ECTS)	Negotiated Elective Module (5 ECTS)		
	Building Study Studio ARCT 40170 (15 ECTS)	Building Analysis Studio ARCT 40620 (15 ECTS)	Urban Design Studio ARCT 40690 (15 ECTS)	Integrated Landscape Studio ARCT 40830 (15 ECTS)
Semester 3	Dissertation Module ARCT 40700 (30 ECTS)	Dissertation Module ARCT 40710 (30 ECTS)	Dissertation Module ARCT 40720 (30 ECTS)	Dissertation Module ARCT 40840 (30 ECTS)

* ECTS - European Credit Transfer System

Drawing from a core staff of established experts, the course also benefits from many visiting and guest lecturers. Students will also participate in the creative context of the School of Architecture UCD, where many changing exhibitions, guest lectures and research seminars enhance the postgraduate experience. The school's long-established and strong on-going links with key public bodies, government departments and international organisations encourages the development of research that is immediately relevant to wider citywide, national and international discussions. The course will also benefit from the school's long established links with some of the foremost European universities. Study trips include a planned programme of lectures, site visits and cultural tours with distinguished academics.

Duration

The MArchSc is a twelve-month full-time programme, aimed at both recent graduates and professionals alike, from disciplines such as architecture, architectural technology, landscape architecture, archaeology, engineering, planning, art and architectural history, quantity surveying, or other cognate disciplines.

Further Information

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