



University College Dublin  
Ireland's Global University



## MArchSc Sustainable Building Design & Performance (One Year Full Time)

The Sustainable Building Design & Performance taught masters programme is for those seeking to develop a career or hoping to undertake further studies in sustainable building analysis and design. It supports students to define themselves within the fields of sustainability, architecture, energy, environment and health. Students are encouraged and supported in the pursuit of a broad range of inter-related issues through active enquiry and autonomous investigation. The programme provides a learning environment

within which each student is encouraged and can make a unique and individual contribution as well as being part of a team. It is delivered through lectures, seminars, tutorials and individual and group project work, all supported through contact time in class, individual supervisory sessions and online course content. Overall the programme is designed to place value on each individual and their contribution to the group, supporting their development through an inclusive, exploratory and encouraging learning environment.

### 30 years' experience in EU supported research

The Sustainable Building Design & Performance programme has grown out of 30 years of experience in EU supported research and specialist services in the field of building energy conservation and environmental performance. Students on the programme will have access to internationally recognised experience, expertise, facilities and resources unique in Ireland.

## Why study at UCD?



### Tradition

Established 1854, with 160 years of teaching & research excellence



### Global profile

UCD is ranked in the top 1% of higher education institutions worldwide



### Global community

Over 6,000 international students from over 130 countries study at UCD



### Global careers

Degrees with high employability; dedicated careers support; 2 year stay-back visa (for non-EU students)



### Safety

Modern parkland campus with 24 hour security, minutes from Dublin city centre

## Course Content and Structure

90 credits  
taught masters

30 credits  
taught modules

30 credits  
studio

30 credits  
thesis

### Core Modules include:

- Sustainable Design and the Occupant
- Sustainable Building Systems
- Sustainable Building Design Studio
- Research Methods and Thesis Preparation
- Sustainable Building Analysis Studio
- International Field Study
- Thesis

### Option Modules include:

- Placemaking
- Parametric Design
- GIS

Please see online for a full list of modules.



## Career Opportunities

Graduates of the programme will be well positioned and will have a distinct advantage in securing roles in defining the sustainable future of the built environment.



Students who have completed the Sustainable Building Design and Performance MArchSc with the UCD School of Architecture, Planning & Environmental Policy have gone on to work in world-renowned consultancies, practices, research agencies and universities or have advanced to higher postgraduate studies at the Research Masters and PhD level.

## Facilities and Resources

The programme is delivered by the UCD School of Architecture, Planning & Environmental Policy and supported by the UCD Built Environment Laboratory, offering excellent laboratory resources and supported by technical expertise. Students are also exposed to the wide range of quality academic programmes across the whole university in which they can participate through elective modules. UCD hosts excellent paper-based and electronic library resources in the areas of architecture and sustainable design.

The School of Architecture, Planning & Environmental Policy offers dedicated studio space for its students, a dedicated architecture library and map room, access to fully equipped computer facilities, and a state-of-the-art IT infrastructure, a building laboratory space with a wide range of equipment and access to monitoring and simulation equipment in the Built Environment Laboratory.

## Apply Now

This programme receives significant interest so please apply early online at [www.ucd.ie/apply](http://www.ucd.ie/apply)

## Entry Requirements

- A bachelors degree with a minimum upper second class honours (NFQ level 8) or international equivalence in a relevant programme.
- Applicants whose first language is not English must also demonstrate English language proficiency of IELTS 6.5 (no band less than 6.0 in each element), or equivalent.

## International Students

- Stay in Ireland after graduating for 24 months to seek employment
- Approved by US Dept. of Education for federally supported loans
- Apply for Non-EU Scholarships: [www.ucd.ie/international/scholarships](http://www.ucd.ie/international/scholarships)

## Related Masters Programmes of Interest

- MArchSc Landscape Studies
- MArchArchitecture
- Master of Landscape Architecture
- MSc Urban Design & Planning

## Fees

Fee information is available [www.ucd.ie/fees](http://www.ucd.ie/fees)

## Contact Us

**EU Students** – Katie O'Neill E: [eamarketing@ucd.ie](mailto:eamarketing@ucd.ie) T: +353 1 716 1781 W: [www.ucd.ie/eacollege](http://www.ucd.ie/eacollege)

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## Graduate Profile

### Elena Nikolova, Bulgaria

This Masters offered me everything that I am professionally interested in and everything that I was looking to learn in order to progress my career. It is a very interesting and challenging, diverse and up-to-date Master's that offers great opportunities to expand your knowledge and grow professionally. The experience of undertaking it became even greater thanks to the devoted teachers I've had and the many friends from all over the world I made. Another advantage is that I had the chance to explore the amazing natural wonders of Ireland and meet lovely local people.