

Global Change Landscape Design

One Year Full-Time/Face-to-Face



Introduction

Global climate change is altering everything—everywhere in the world. We are faced with necessary tasks relating to the design and build of our surrounding environments. The landscape and its functions, its ecosystem services and its appearance, will inevitably change. As the energy transition accelerates, the landscape is developing into a global powerhouse. Simultaneously, the landscape, with its soils, peatlands, wetlands, forests and oceans, must

be assisted in its capacity as a major global carbon sink. The landscape will become a global infrastructure element with decentralized renewable energy production; the corresponding power lines, substations, battery parks, biomass production, pipelines, transport routes, etc. All of this must be carefully thought out and designed. This is the only way to ensure attractive, sustainable future growth.

Course Highlight

This programme is offered by UCD, a university ranked in the top 1% of universities worldwide. Ireland is the only country within the European Union (EU) whose first language is English, and the UCD degree in Landscape Architecture is the only one in Ireland that offers access to the title of Landscape Architect. The Master's programme in Global Change Landscape Design offers professional experience as an embedded programme component in the third trimester, providing a unique path to career entry after graduation.

Course Content and Structure

- 90 credits taught masters
- 60 credits of taught modules
- 30 credits internship

Core modules include:

- Research-By-Design Studios A and B
- Landscape Research
- Geodesign For Urban Futures
- Water, Soil & Vegetation
- Fieldwork

Live Learning:

This programme offers students the opportunity to complete a 1-trimester work placement, where students' technical and business knowledge can be applied and developed in a dynamic real-world setting. This creates a seamless transition between master's studies and subsequent professional life, which is very attractive for students and future employers.

Face-to-Face:

The programme is taught face-to-face and takes place primarily in the inspiring and interactive environment of two design studios. This form of conveying creative content offers the opportunity for transdisciplinary work and network building that can last a lifetime.

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 120 countries study at UCD



Global careers

Degrees with high employability; dedicated careers support; 1 year stay-back visa





Programme Outcomes

- ◆ Advanced Skills in the principles of landscape architecture including dedication, vision and passion for design and our environment.
- ◆ Future Orientated and alive to the careful balance needed for current and future resources and energy responsibility with complex knowledge of the rich ecology of sites and how to phase interventions towards these.
- ◆ Practiced in research methods, design methods and mastery of communication in a range of visual, verbal, written, and digital modes.
- ◆ Create leaders who are conscious of climatic and social challenges, with in-depth knowledge of process with an ethical outlook, knowing when to intervene and when not to.
- ◆ Spatially trained with well-considered appreciation of the cultural & historical, environmental & specific context, to design appropriate solutions and delightful spaces.
- ◆ Collaborative and committed to participative planning with end users and the need for lifelong curiosity and professional growth in practice.
- ◆ Adopt a theoretical framework and critical approach to data to synthesize divergent demands in a changing context and draw conclusions to generate creative proposals.
- ◆ Curious, efficient and reliable in delivering to program and budget, advanced knowledge of digital systems and aware of the complexities of material selection and reuse.

Testimonial

Joerg Rekitke, UCD Head of Landscape Architecture, and M.Sc. Programme Director



“As academics, programme directors, and programme team, we dedicate ourselves with enthusiasm and all our creative strength to the greatest challenge that humanity has ever faced: global climate change and its overwhelming consequences that will change everything in the world. The landscape, the ecosystems, the flora, the fauna, the economy, the cities, the societies – everything. As a landscape architect and designer, I know that we have always stood and worked on the right side, outdoors, where the forces of nature work. The current accumulation of crises renders clearer than ever what we have to tackle and do. All essential tasks of future landscape design are directly related to the requirements of man-made global change. We can’t wait for anything anymore, we have to act now, design now, and implement now.”

Applicant Profile

- ◆ An honours undergraduate degree (NFQ Level 8) with a minimum upper second class honours or international equivalence in a relevant programme including Landscape Architecture, Architecture, Urban Design, Interior Design or any other Creative Studies in a cognate discipline may apply.
- ◆ 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.
- ◆ Portfolio submission is essential

International Fees and Scholarships

Tuition fee information is available on www.ucd.ie/fees. Please note that UCD offers a number of graduate scholarships for full-time, self-funding international students, holding an offer of a place on a UCD masters programme. Please see www.ucd.ie/international/scholarships for further information.

Related Masters Programmes of Interest

- ◆ Masters of Environmental Policy
- ◆ MSc Urban Design and Planning
- ◆ Masters of Regional and Urban Planning

CONTACT US

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APPLY NOW

This programme receives significant interest so please apply early online at www.ucd.ie/apply