



University College Dublin  
Ireland's Global University



## MSc (Agr) Environmental Resource Management (One Year Full Time)

Sustainable management of our environmental resources is at the heart of some of the key challenges facing humanity today; food security, climate change, biodiversity loss, and the protection of water and soil resources. The MSc in Environmental Resource Management is an established programme that develops graduates with the flexible combination of environmental science, policy and management expertise necessary to address these needs. This programme draws on the academic expertise and diversity available in the School of Agriculture and Food Science; ranked in the top 100 globally in the area of Agriculture and Forestry.

The programme is accessible to candidates from a very broad range of primary degree backgrounds and draws students from Ireland, Europe, and across the world. Graduates from this programme respond to many of the major global sustainability challenges. Consequently, the opportunities for graduates in this discipline are excellent and many have gone on to successful careers in research, consultancy, advisory/extension, the NGO sector, project management, as well as a range of other roles.

### Drive your own original research project

Fieldwork is involved in many of the modules offered, including visits to leading extension/advisory and research programmes in the area of sustainable environmental resource management. The research thesis allows the student to drive their own original research project and develop specific skills.

## Why study at UCD?



### Tradition

Established 1854, with over 160 years of teaching & research excellence



### Global profile

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



### Global community

Over 7,000 international students from over 130 countries study at UCD



### Global careers

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



### Safety

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

## Course Content and Structure

90 credits  
taught masters

60 credits  
taught modules

30 credits  
dissertation

Core modules include:

- Data Analysis for Biologists
- Biodiversity & Ecosystem Services
- Human Impact on the Environment
- Seminar Presentation
- Soil, Plant & Water Resources

- Geographic Information Systems
- Literature Review
- Practical Research Skills
- Ecological Modelling
- Research Project

Optional modules include:

- Wildlife Conservation
- One Health
- Rural Planning & Environ. Law

The minor thesis component offers a very broad choice of research topics that allows a candidate to focus their potential career path on a specific subject area (e.g. wastes management). Students are assigned an academic supervisor with research interests and expertise in the thesis subject area.





## Career Opportunities

The career prospects for graduates from this programme are wide ranging as the issues of sustainability and the environment apply across a wide range of sectors. Graduates have a very good employment record, frequently involving consultancy or advisory work, or work with industry, government and regulatory agencies and NGOs, or in research.

This programme has also allowed some graduates to completely change direction – putting them on a radically different career path (e.g. from economics to an ecology PhD; from IT engineering to agri-environmental management and PhD).



## Graduate Profile

Dr Brendan Dunford,  
Manager, Burren Programme,  
Co-founder Burrenbeo Trust

Having spent my twenties travelling around the world, I'd become increasingly interested in the relationship between people and their places, how communities shape their local environments and vice-versa, and also what a precious resource a healthy environment is. Eventually I decided that I wanted to learn more and reconnect again with my own place, so I returned to Ireland, 'parked' the backpack and enrolled in the MSc in Environmental Resource Management at UCD.

I loved it! The mix of people – in terms of age, academic background and nationality – the diversity of subjects available, the passion for learning and change among my new classmates, all made for a very inspiring experience. Having the course located within the School of Agriculture and Food Science was a bonus as so much of the Irish landscape is shaped by farming and so change has taken place in that sector of late.

Following graduation I accepted a PhD position in the Burren which looked at the relationship between farmers and their very special landscape, a landscape that I'm now privileged to call home. Returning to do the MSc was a turning point for me, equipping me with the tools and confidence to turn my passion into my career.

## Apply Now

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

## Entry Requirements

- Applicants must hold a minimum of a second class honours degree, or international equivalent in a biological, environmental, agricultural or related science degree, or in a cognate subject area such as humanities, arts, business, law or engineering.
- Mature candidates have previously been accepted on the basis of relevant experience and prospective candidates are encouraged to contact the course coordinator to discuss their eligibility.
- 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 Fees and Scholarships

Tuition fee information is available on [www.ucd.ie/fees](http://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](http://www.ucd.ie/international/scholarships) for further information.

## Related Masters Programmes of Interest

- MSc (Agr) Rural Environmental Conservation and Management
- MSc Wildlife Conservation and Management
- MSc (Agr) Sustainable Agriculture and Rural Development

## Contact Us

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