



University College Dublin
Ireland's Global University

COURSE CODE: F059

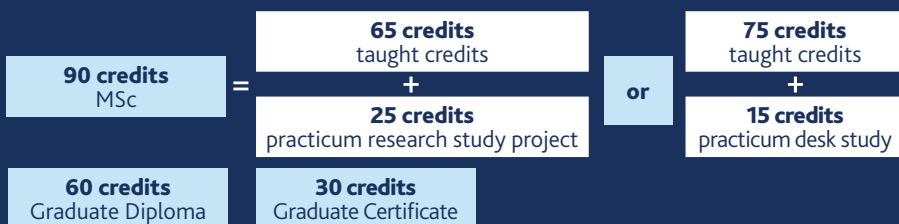
MSc/Grad Cert/Grad Dip Environmental Sustainability (Negotiated Learning) (Online)

Dwindling natural resources and environmental quality issues are challenging businesses to work within a sustainability framework, while at the same time maximising employment provision and profitability. Consequently, there are a growing number of green technology and related enterprises that require a skilled and knowledgeable workforce. Equally, those within the regulation or policy environment must have the knowledge base to address the complexities of the 'sustainability' challenge. This course is taken online in your own time and you can choose to study for a 30-credit Graduate Certificate, a 60-credit Graduate Diploma or a 90-credit MSc degree. The course focuses on delivery of the knowledge and skills required to address sustainability challenges across a broad spectrum of activities such as agriculture, industry, green technology and resource management.



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Course Content and Structure



The MSc Diploma and Certificate will provide you with the theoretical background, practical training and ancillary workplace skills needed for a successful career in your chosen field. Modules include:

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| <ul style="list-style-type: none"> ■ Sustainable Energy & Environment ■ Green Technology Project ■ Energy Systems & Climate ■ Technical Communications ■ People Information & Communication ■ Managing the Interface between Science & Policy ■ Water Quality Assessment, Protection & Management ■ Water Resources Engineering 1 and 2 | <ul style="list-style-type: none"> ■ Air Pollution ■ Environmental Geoscience ■ Soil Resources ■ Peatlands & Global Change ■ Ecology & its Application ■ Genetics for Environmental Scientists ■ Applied Ecotoxicology ■ Impact Assessment Procedures ■ Environmental Legislation & Regulation ■ Management of Sustainable | <ul style="list-style-type: none"> ■ Fisheries ■ Wildlife Management/Conservation ■ Bioinvasions: Impact to Management ■ Natural Heritage Conservation ■ Data Analysis & Interpretation ■ GIS for Environmental Investigations ■ Practicum (Research; lab/field) ■ Practicum (Desk Study) |
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Modules and topics shown are subject to change and are not guaranteed by UCD.



Career Opportunities

Successful completion of this course will provide you with the professional competitive advantage to choose from careers in the application of green energy technology, environmental engineering, environmental monitoring and protection, resource and waste management, consultancy, research, heritage, conservation and education, either within regulatory bodies or in a wide range of industries, both multinational organisations and small- and medium-sized enterprises. The course also opens up opportunities to pursue further studies including up to PhD level.

APPLY NOW

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



Entry Requirements

- This programme is intended for applicants with a primary degree in science, engineering, or a related discipline. A lower second class honours degree or international equivalent is required. Applicants with substantial relevant work experience will also be considered.
- 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, such as TOEFL (iBT) score of 90 or PTE score of 63.

Graduate Profile

Susan Vickers

I found the course refreshing in terms of content, delivery and the online virtual classroom discussions which allowed people on the course to communicate and share ideas. Working professionally full time, and with a young family, I found the online format superb as well as the flexibility that this allowed me.

EU ENQUIRIES

Associate Professor Mary Kelly-Quinn ✉ : sustainabilityonline@ucd.ie

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NON-EU ENQUIRIES

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www.ucd.ie/international