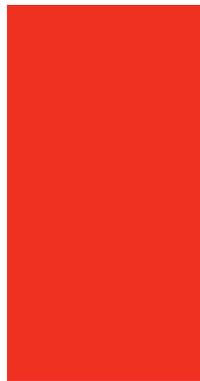


College of Science, Engineering & Food Science



School of Biological, Earth and Environmental Sciences



MRes IN ENVIRONMENTAL SCIENCE

University College Cork and the School of Biological Earth and Environmental Sciences

University College Cork is one of Ireland's oldest higher education institutions. Originally founded in 1845, UCC is now internationally acclaimed as one of Ireland's leading research institutions. The School of Biological, Earth and Environmental Science (BEES) incorporates the disciplines of Zoology, Ecology, Plant Science, Geology and Environmental Science. BEES is a recognised leader in teaching and research across all of our disciplines. See www.ucc.ie/en/bees/ or follow us on twitter @uccBEES or our facebook page.

Overview of Programme

The MRes in Environmental Science (CKS83) is a new research-intensive, 12-month programme launched in 2017. It aims to recruit motivated students with a strong interest in research. The programme combines a research project (70 credits) with taught modules (20 credits) chosen to enhance each student's individual skill set.

Research project (70 credits)

The extended project is the focus of the MRes and will be expected to represent cutting-edge, original research conducted under the close supervision of internationally recognised staff within the School of BEES. Projects can be selected from a broad range of environmental science topics, with a focus on inter-disciplinary research.

Projects may be conducted in collaboration with external organisations, such as the Environmental Protection Agency, Industry and Local Authorities. Applicants are encouraged to suggest projects that foster collaborative research with external agencies.

Research topics should fall within the following broad areas: water and air pollution, human health and the environment, biomimetic and sustainable materials research, climate change and ocean acidification, water and waste water treatment, marine and freshwater resources management, sustainable water use, environmental risk assessment of emerging pollutants, nanomaterials and the environment.



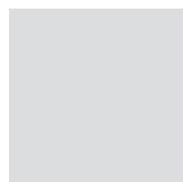
Information about research projects or current research areas that are currently available can be found on the BEES website: www.ucc.ie/en/bees/research/envscience/. Students with their own project proposal are also strongly encouraged to apply.

Taught modules (20 credits)

In parallel with the research project, students must pass taught modules to the value of 20 credits selected from a range of modules such as the following:

- EV 4002 Principles of Environmental Monitoring and Assessment (10 credits)
- EV 4012 Environmental Impact Assessments (5 credits)
- EV 4013 Environmental Risk Assessment and Auditing (5 credits)
- BL 6010 Characteristics of the Marine Environment (5 credits)
- BL 6019 Ecological Applications of Geographical Information Systems (5 credits)
- GG 6501 Introduction to Geographical Information Systems (5 credits)
- GG 6502 Introduction to Remote Sensing (5 credits)
- GG 6516 Coastal and Marine Processes (10 credits)

- Other relevant modules offered by the University (subject to availability and approval)
- Further details of these modules can be found here: <http://www.ucc.ie/modules/>
Additionally a whole range of postgraduate modules (see modules beginning with PG) is also potentially available, subject to space availability on the module.



MRes IN ENVIRONMENTAL SCIENCE



Career Prospects

The MRes is designed to give you a strong start in your scientific career. Students will gain invaluable experience in many key transferrable skills required by employers or in preparation for a PhD, including: project design and planning, experimental design, data management and statistical analysis, scientific writing, presentation skills, safety, research ethics and integrity, information literacy and science communication. The MRes will therefore provide an excellent background when applying for PhD positions, or when seeking employment in the private or public sectors (e.g. in environmental consultancy, environmental management, local or national agencies or other research positions).

Eligibility and Entry

Successful applicants must possess an Honours primary degree (minimum 2.1 Honours or equivalent) in an area relevant to Environmental Science. Candidates must be approved by the MRes Coordinator and Programme Team, including the Head of School of Biological, Earth and Environmental Sciences. The number of places is limited and decisions on entry to the programme will be made following an interview. Please refer to Section 1 in the "MRes in Environmental Science Application Process and Programme Timeline" document at:

<https://www.ucc.ie/en/bees/courses/postgrad/>

Apply online at <http://www.pac.ie/ucc> Please note the PAC application Code for the MRes in Environmental Science is: CKS83).

Fees

Fees for EU and Non-EU applicants can be found at www.ucc.ie/en/financeoffice/fees/. An additional bench fee of €3000 will be charged to cover costs associated with the research project.



University College Cork, Ireland
Coláiste na hOllscoile Corcaigh

School of
Biological, Earth and
Environmental Sciences

Further information about the programme
can be found on the BEES website:

www.ucc.ie/en/bees/courses/postgrad/

If your query is not answered here, please contact:

MRes Coordinator

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Application Information

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E: graduatestudies@ucc.ie

W: <http://www.ucc.ie/en/study/postgrad/>

