



OLLSCOIL NA
GAILLIMH
UNIVERSITY
OF GALWAY

Coláiste na hEolaíochta
& na hInnealtóireachta
College of Science
& Engineering



GY301 Science (Bachelor) Earth and Ocean Sciences

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Why choose this course?

The GY301 Bachelor of Science degree programme allows you to take a variety of subjects in Science before you decide which scientific area to specialise in for your four-year honours degree.

You have the flexibility to discover your unique interests and build a tailored skillset, specialising step by step as you progress from year to year.

Earth and Ocean Sciences is one such pathway of study offered within the GY301 Science programme.

Course Overview

Earth and Ocean Science involves the study of our home planet. The Earth and Ocean Sciences pathway is unique in Ireland and provides students with the necessary tools to investigate the epic and dramatic history of environmental fluctuation and evolution on Earth, in order to help us better understand the changes our planet is currently undergoing, including the global climate and environmental problems we urgently need to address. Additionally, the energy and raw materials that human society depends on are underpinned by the geosciences, so, to manage these resources sustainably we need to understand their place within the broader Earth system.

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Career Opportunities

EOS graduates are among the 25,000 people currently working in geosciences in Ireland. They are working as science communicators and as tour guides, scientific officers, technologists, research scientists, map makers, teachers, lecturers and consultants. Some work for government agencies (Environmental Protection Agency, Geological Survey Ireland, Geological Survey Northern Ireland, Office of Public Works, and the Marine Institute), and some work in environmental and engineering consultancies here and around the world working on renewable (geothermal, wind, wave) energy projects, dealing with flood management and water management, assessing environmental impacts of various projects, finding and managing economic resources.

Duration

4 years

EOS has allowed me to gain a much deeper understanding of our natural world and Galway was the perfect place to do so, with the Atlantic on our doorstep and curious landscapes such as the Burren and Connemara only a stone's throw away! My favourite part of the course was getting the opportunity to explore and understand all these intriguing areas through the countless fieldtrips offered.

Oisín Leonard
2023 EOS Graduate



Find out more
School of Natural Sciences



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