

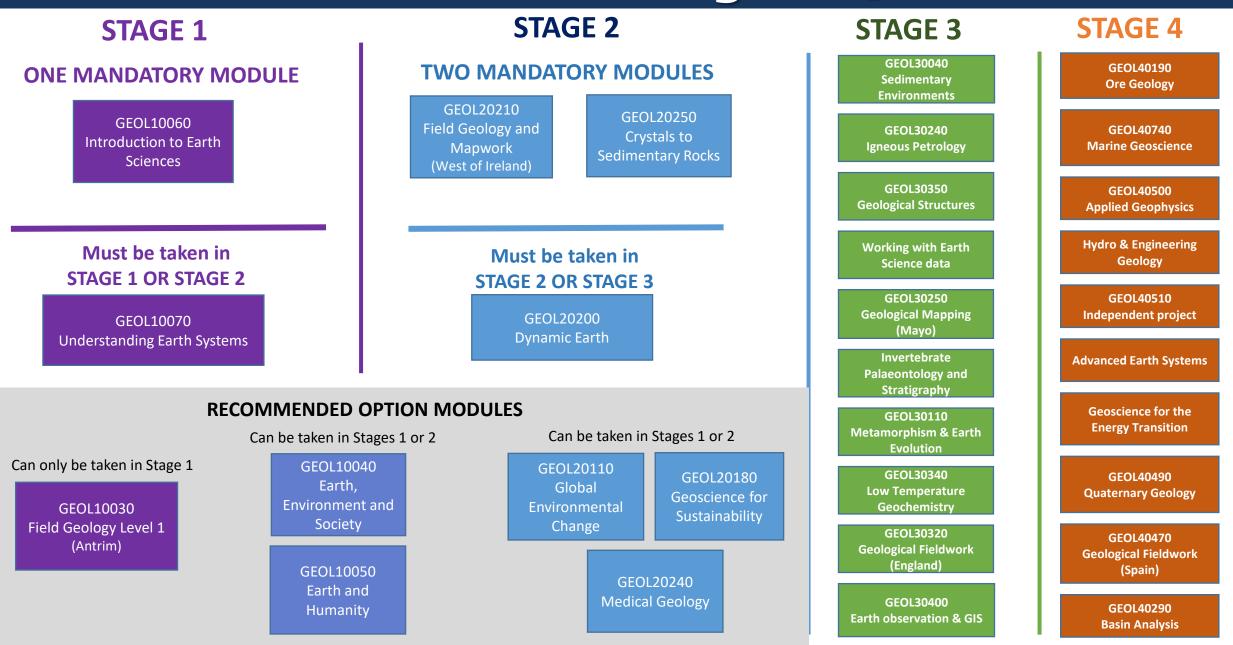
BSc in Earth Sciences – Stage 2 Modules

If you have taken *GEOL10060 Introduction to Earth Sciences* in *Stage 1* you can take core Earth Science modules in *Stage 2*

UCD School of Earth Sciences

lawrence.amy@ucd.ie

Earth Sciences Degree @ UCD



Stage 2 - Earth Sciences

TWO MANDATORY MODULES:

GEOL20250 Crystals to Sedimentary Rocks



Provides a fundamental understanding of the materials that form our planet





Discover how to observe, describe and interpret geological data in time and space



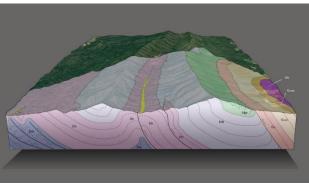


THIS MODULE MUST BE TAKEN IN EITHER STAGE 2 OR STAGE 3:

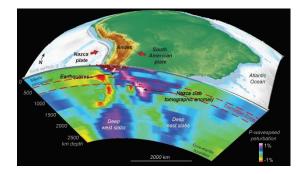
> GEOL20200 Dynamic Earth

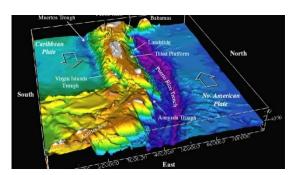


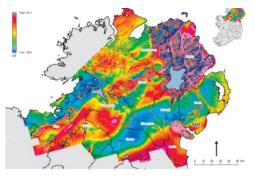




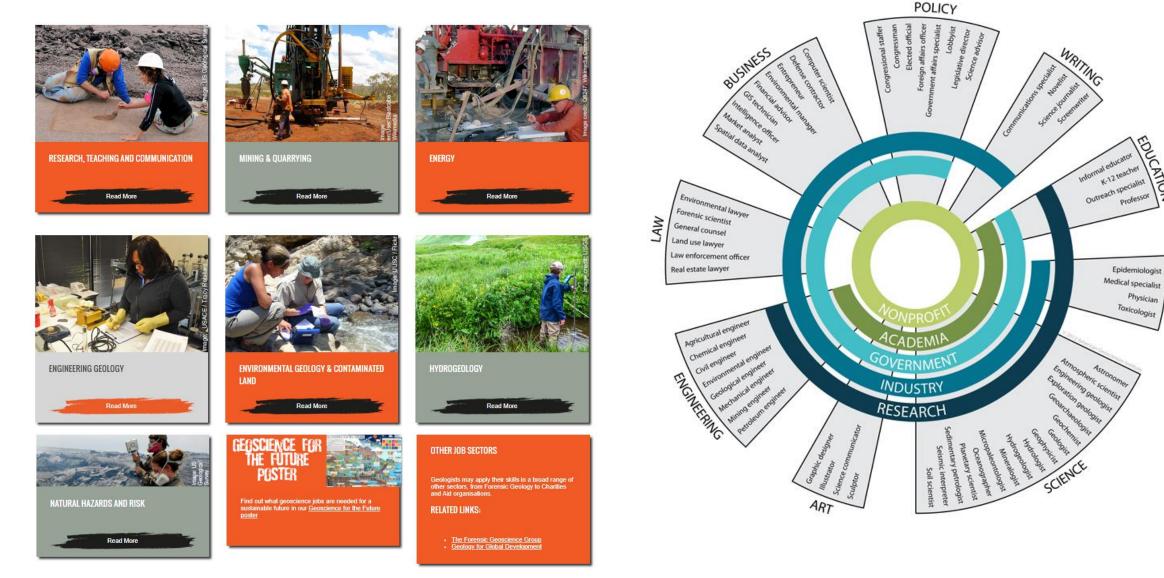
Explore how different types of data can be used to understand the Earth







What can you do with Earth Sciences?



Geological Society of London

American Geoscience Institute

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MED

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What can you do with Earth Sciences?

What do our undergraduates go on to do?

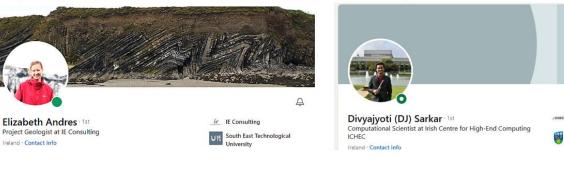
Employability of our graduates is *very good* both within Ireland and overseas (the large fieldwork component, emphasis on practical workplace skills and work placements are valued by employers)

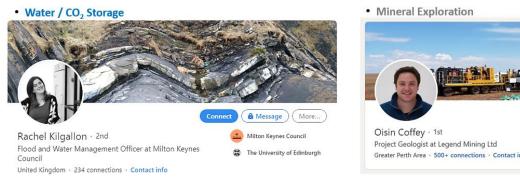
Our graduates are employed in *geotechnical*, *mining*, *mineral exploration*, *hydrogeology* and *environmental* companies

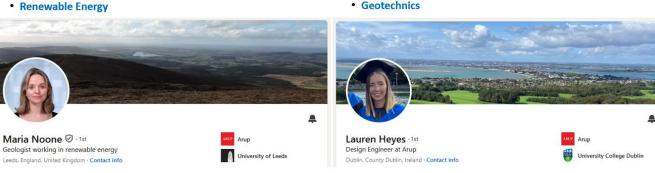
Student *Work Placements* at the end of Stage 3 have lead to employment (e.g. with Arup in 2019 and 2024).

A 2024 focus group of employers emphasised the *high quality* of UCD SES graduates, their confidence and competence and the *need for more of our* graduates both now and in the future

Engineering & Environmental Science









Irish Centre for High-End

University College Dublin

Computing ICHEC

Data Analysis & Earth Observation

Geotechnics



Earth Science & Sustainability

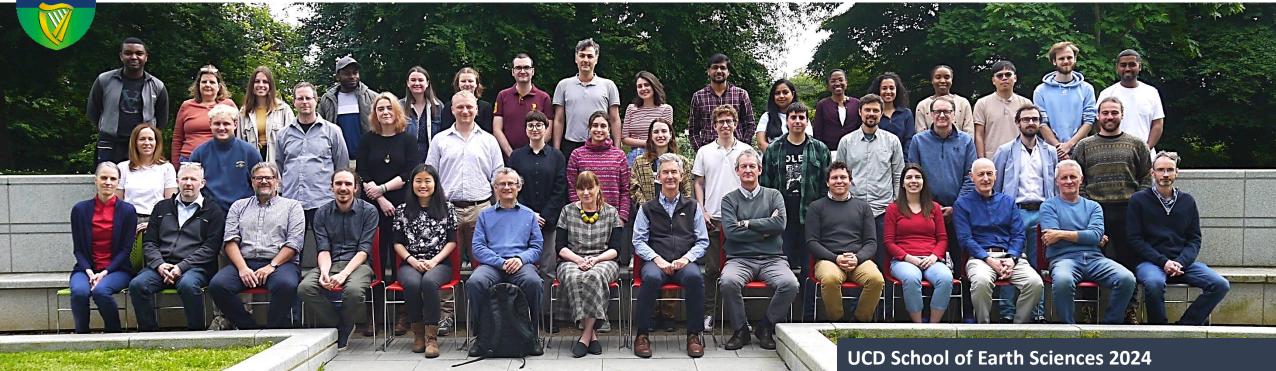


• Earth Science is directly involved in achieving more than half of the UN Sustainable Development Goals (and indirectly in several more).

UCD School of Earth Sciences



Who are we?



- 17 lecturers with research expertise covering a wide range of Earth Science topics
- 6 student-friendly admin/technical staff
- 10 post-doctoral researchers
- 28 graduate research students

SFI RESEARCH CENTRE IN APPLIED GEOSCIENCES

• Host to the SFI Research Centre: Irish Centre for Research in Applied Geosciences



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