COURSE DETAIL

INTRODUCTION TO OCEAN SCIENCE
Country Ireland
Host Institution University of Galway
Program(s) University of Galway
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Earth & Space Sciences Biochemistry
UCEAP Course Number 119
UCEAP Course Suffix
UCEAP Official Title INTRODUCTION TO OCEAN SCIENCE
UCEAP Transcript Title INTRO OCEAN SCIENCE
UCEAP Quarter Units 8.00
UCEAP Semester Units 5.30

Course Description

This course provides an introduction to ocean properties and processes. Topics include processes that exchange energy and water within the Earth system; main sources, sinks, and pathways of material; temperature, salinity, and density structure; temperature-salinity diagram; waves and tide generation; Eulerian and Lagrangian co-ordinate systems; hydrothermal circulation; biogeochemical cycling of oxygen, carbon dioxide and nutrients; biogenic sediments; volume transport and fluxes of material; and instrumentation used in oceanography.

Language(s) of Instruction
English

Host Institution Course Number
EOS213

Host Institution Course Title
INTRODUCTION TO OCEAN SCIENCE

Host Institution Course Details
https://www.universityofgalway.ie/course-information/module/EOS213

Host Institution Campus

Host Institution Faculty
School of Natural Sciences

Host Institution Degree

Host Institution Department

Course Last Reviewed
2023-2024

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