COURSE DETAIL

AQUATIC GEOCHEMISTRY
Country Ireland
Host Institution University of Galway
Program(s) University of Galway
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Earth & Space Sciences Chemistry
UCEAP Course Number 110
UCEAP Course Suffix
UCEAP Official Title AQUATIC GEOCHEMISTRY
UCEAP Transcript Title AQUATC GEOCHEMISTRY
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description

This course introduces students to the quantitative treatment of chemical processes in aquatic systems. It includes a brief review of chemical thermodynamics and photochemistry as it applies to natural waters. Specific topics covered include acid-base chemistry, precipitation-dissolution, coordination, and redox reactions. Emphasis is on equilibrium calculations as a tool for understanding the variables that govern the chemical composition of aquatic systems and the fate of pollutants.

Language(s) of Instruction
English

Host Institution Course Number
EOS304

Host Institution Course Title
AQUATIC GEOCHEMISTRY

Host Institution Course Details
https://www.universityofgalway.ie/course-information/module/EOS304

Host Institution Campus

Host Institution Faculty
School of Natural Sciences

Host Institution Degree

Host Institution Department

Course Last Reviewed
2025-2026

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