

COURSE DETAIL

HYDROLOGY & HYDROGEOLOGY

Country

France

Host Institution

University of Bordeaux

Program(s)

University of Bordeaux

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Environmental Studies Earth & Space Sciences

UCEAP Course Number

107

UCEAP Course Suffix**UCEAP Official Title**

HYDROLOGY & HYDROGEOLOGY

UCEAP Transcript Title

HYDROLOGY&HYDROGEOL

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course introduces the issues surrounding water in terms of management, sustainable development, and resource protection. Lectures, tutorials, and practical work are taught in various fields: hydrology, hydrogeology, mass transfer, and drilling. The water cycle is analyzed in detail through its different processes and associated mechanisms, with the goal of establishing hydrological and material budgets for the study of watersheds. A case-study project is carried out during the semester, allowing students to put theory into practice and to develop an initial methodological and scientific approach in preparation for a future professional or research career. In hydrogeology, the basic principles are taught regarding flows, aquifers, and associated groundwater bodies.

Language(s) of Instruction

French

Host Institution Course Number

4TGE505U

Host Institution Course Title

HYDROLOGIE/HYDROGÉOLOGIE

Host Institution Course Details

<https://formations.u-bordeaux.fr/details-formation?type=enseignement&id=27124>

Host Institution Campus

Université de Bordeaux

Host Institution Faculty

Sciences et Technologies

Host Institution Degree

Licence

Host Institution Department

Géosciences et Environnement

Course Last Reviewed

2025-2026

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