COURSE DETAIL

ANALYSIS OF ENVIRONMENTAL MATERIALS

Country
Ireland

Host Institution
University College Dublin

Program(s)
University College Dublin

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Environmental Studies Biological Sciences

UCEAP Course Number
144

UCEAP Course Suffix

UCEAP Official Title
ANALYSIS OF ENVIRONMENTAL MATERIALS

UCEAP Transcript Title
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UCEAP Quarter Units
4.00

UCEAP Semester Units
2.70

Course Description

In this course, students are presented with a case study dealing with surface water that is suspected of being polluted. They are instructed in the composition of various environmental media, the nature of potential pollutants and guided through the selection of the media that need to be analyzed to identify the contaminants, sampling locations and the appropriate chemical analyses to address the problem posed. They then organize the collection of the relevant media (soil, water, etc.) and are trained in their chemical analyses in the Environmental Chemistry Laboratory, School of Biology & Environmental Science. The results generated are analyzed with respect to available thresholds/regulations for the various contaminants and students write a report on the full investigation process.

Language(s) of Instruction
English

Host Institution Course Number
ENVB30140

Host Institution Course Title
ANALYSIS OF ENVIRONMENTAL MATERIALS

Host Institution Course Details
https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=ENVB30140

Host Institution Campus
University College Dublin

Host Institution Faculty
Biology and Envrionmental Science

Host Institution Degree

Host Institution Department

Environmental Science

Course Last Reviewed
2021-2022

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