

COURSE DETAIL

BIOTECHNOLOGY FOR THE SUSTAINABLE RECLAMATION OF CONTAMINATED LANDS AND WATERS

Country

Italy

Host Institution

University of Bologna

Program(s)

University of Bologna

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Engineering Civil Engineering

UCEAP Course Number

170

UCEAP Course Suffix**UCEAP Official Title**

BIOTECHNOLOGY FOR THE SUSTAINABLE RECLAMATION OF CONTAMINATED LANDS AND WATERS

UCEAP Transcript Title

BIOTECH CNTAM LANDS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

The course is part of the Laurea Magistrale program and is intended for advanced level students. Enrolment is by consent of the instructor. The course focuses on the roles of microbial populations in natural and contaminated habitats and the main microbial and technological aspects related the conduction and optimization of the prominent environmental biotechnological processes currently applied in the remediation of industrial wastewaters, sediments, and sites contaminated with xenobiotic compounds. The course includes class lectures, as a series of seminars, and optional laboratory training.

Language(s) of Instruction

English

Host Institution Course Number

73316

Host Institution Course Title

BIOTECHNOLOGY FOR THE SUSTAINABLE RECLAMATION OF CONTAMINATED LANDS AND WATERS

Host Institution Campus

BOLOGNA

Host Institution Faculty**Host Institution Degree**

LM in ENVIRONMENTAL ENGINEERING

Host Institution Department

Civil, Chemical, Environmental and Materials Engineering

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