

COURSE DETAIL

ENVIRONMENTAL TECHNOLOGY

Country

Iceland

Host Institution

University of Iceland

Program(s)

University of Iceland

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Civil Engineering

UCEAP Course Number

143

UCEAP Course Suffix**UCEAP Official Title**

ENVIRONMENTAL TECHNOLOGY

UCEAP Transcript Title

ENVIRONMENTAL TECH

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

In this course, three major topics are covered: (1) treatment and reutilization technology in wastewater engineering, including wastewater and storm water systems; physical, chemical, and biological wastewater treatment unit processes; industrial wastewater treatment; advanced wastewater treatment and reclamation technology; sludge treatment and disposal technology; (2) treatment and reutilization technology in air pollution control engineering, including techniques for air pollution measurements; sulphur oxides and nitrogen oxides abatement techniques; VOCs and HCs abatement techniques; particulate matters abatement techniques; control technique of mobile source pollutants; and (3) treatment and reutilization technology in solid & hazardous waste engineering, including waste minimization and processing, biochemical waste conversion, thermal waste transformation, waste disposal, hazardous waste treatment and reuse.

Language(s) of Instruction

English

Host Institution Course Number

UMV402G

Host Institution Course Title

ENVIRONMENTAL TECHNOLOGY

Host Institution Course Details

<https://ugla.hi.is/kennsluskra/index.php?tab=nam&chapter=namskeid&id=7097242026...>

Host Institution Campus

Host Institution Faculty

Faculty of Civil and Environmental Engineering

Host Institution Degree

Host Institution Department

Course Last Reviewed

2025-2026

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