

COURSE DETAIL

ENVIRONMENTAL PROCESS ENGINEERING 3

Country

United Kingdom - Scotland

Host Institution

University of Glasgow

Program(s)

University of Glasgow

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Engineering Civil Engineering Chemical Engineering

UCEAP Course Number

111

UCEAP Course Suffix**UCEAP Official Title**

ENVIRONMENTAL PROCESS ENGINEERING 3

UCEAP Transcript Title

ENVR PROCESS ENGR 3

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

This course gives students an overview of physical and chemical treatment systems for water and wastewater.

The course aims are to describe water and wastewater sources; explain the characteristics of water and wastewater (physical, chemical, and biological parameters); provide an overview of both national and international regulatory frameworks governing drinking water and wastewater management; discuss the fundamental principles of physical and chemical processes for water and wastewater treatment, and water reclamation; introduce water treatment processes including coagulation and flocculation, sedimentation, filtration, adsorption, disinfection, softening, and membrane filtration.

Language(s) of Instruction

English

Host Institution Course Number

ENG3080

Host Institution Course Title

ENVIRONMENTAL PROCESS ENGINEERING 3

Host Institution Course Details

<https://www.gla.ac.uk/coursecatalogue/course/?code=ENG3080>

Host Institution Campus

Host Institution Faculty

School of Engineering

Host Institution Degree

Host Institution Department

Course Last Reviewed

2025-2026

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