

COURSE DETAIL

SEPERATION PROCESSES 1

Country

United Kingdom - England

Host Institution

Imperial College London

Program(s)

Imperial College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Chemical Engineering

UCEAP Course Number

156

UCEAP Course Suffix**UCEAP Official Title**

SEPERATION PROCESSES 1

UCEAP Transcript Title

SEPERATION PROCES 1

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course introduces principles of diffusional separation processes for simple gas-liquid and liquid systems. It includes qualitative and quantitative analysis of binary distillation, absorption and stripping of single solutes between immiscible gas and liquid phases, and liquid-liquid extraction between immiscible phases. Brief consideration is given to the economic viability of separation processes.

Language(s) of Instruction

English

Host Institution Course Number

CENG40009

Host Institution Course Title

SEPERATION PROCESSES 1

Host Institution Course Details

<https://my.uceap.universityofcalifornia.edu/sites/default/files/host-course-syl...>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Chemical Engineering

Course Last Reviewed

2024-2025

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