

COURSE DETAIL

SEPARATION PROCESSES 2

Country

United Kingdom - Scotland

Host Institution

University of Edinburgh

Program(s)

University of Edinburgh

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Chemical Engineering

UCEAP Course Number

130

UCEAP Course Suffix**UCEAP Official Title**

SEPARATION PROCESSES 2

UCEAP Transcript Title

SEPARATON PROCESS 2

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

This course introduces an equilibrium stage approach to absorption/stripping, distillation, and solvent extraction. Graphical methods are introduced as well as the concepts of minimum number of stages, minimum solvent or stripping agent rate, and minimum reflux ratio. The concept of humidity and the use of psychrometric charts are introduced. In addition, training in group and collaborative working and communication skills is undertaken. Students undertake two laboratory sessions on separation processes as part of this course.

Language(s) of Instruction

English

Host Institution Course Number

CHEE08013

Host Institution Course Title

SEPARATION PROCESSES 2

Host Institution Course Details

<http://www.drps.ed.ac.uk/23-24/dpt/cxchee08013.htm>

Host Institution Campus

Edinburgh

Host Institution Faculty

Host Institution Degree

Host Institution Department

Chemical Engineering

Course Last Reviewed

2023-2024

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