

# 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**

155

**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 Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

Chemical Engineering

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