COURSE DETAIL

NUCLEAR CHEMICAL ENGINEERING
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 146
UCEAP Course Suffix
UCEAP Official Title NUCLEAR CHEMICAL ENGINEERING
UCEAP Transcript Title NUCLEAR CHEM ENGR
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description
This course studies the basic chemical engineering techniques in nuclear processing including ion exchange, liquid-liquid extraction, radiation, and reactor coolant chemistry. Course applications include fuel production, fuel processing, and waste management. This course presents information on chemical and chemical engineering aspects of nuclear power, including fuel manufacture, radiation chemistry, reactor coolant chemistry, fuel reprocessing, and waste disposal.

Language(s) of Instruction
English

Host Institution Course Number
CENG97031

Host Institution Course Title
NUCLEAR CHEMICAL ENGINEERING

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Chemical Engineering

Course Last Reviewed
2024-2025

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