

COURSE DETAIL

CHEMICAL PRINCIPLES AND PROCESSES

Country

New Zealand

Host Institution

University of Canterbury

Program(s)

University of Canterbury

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Chemistry

UCEAP Course Number

11

UCEAP Course Suffix**UCEAP Official Title**

CHEMICAL PRINCIPLES AND PROCESSES

UCEAP Transcript Title

CHEM PRIN & PROCESS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course examines topics in physical and inorganic chemistry. It covers atoms and the periodic table; chemical bonding; reduction and oxidation reactions; properties of gases; introduction to thermodynamics; kinetics; chemical equilibrium; Gibbs energy and the second law of thermodynamics; aqueous chemistry; acid-base equilibrium.

Language(s) of Instruction

English

Host Institution Course Number

CHEM111

Host Institution Course Title

CHEMICAL PRINCIPLES AND PROCESSES

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2023-2024

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