

COURSE DETAIL

GENERAL CHEMISTRY FOR SCIENCE (NUIN)

Country

Ireland

Host Institution

University College Dublin

Program(s)

University College Dublin

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Chemistry

UCEAP Course Number

35

UCEAP Course Suffix**UCEAP Official Title**

GENERAL CHEMISTRY FOR SCIENCE (NUIN)

UCEAP Transcript Title

GENERL CHEM FOR SCI

UCEAP Quarter Units

7.50

UCEAP Semester Units

5.00

Course Description

The course provides a wide-ranging introduction to fundamental principles of chemical structure and reactivity for students who intend to major in Science or Engineering disciplines. The topics covered will include the electronic structure of atoms and how that relates to the properties of the elements; ways in which the properties of substances are determined by their composition and bonding; nature of the interactions, and reactions, between substances; importance of energy, and energy flows, in understanding chemical and physical processes; and importance of chemistry in understanding ourselves, in our society, and in our environment.

Language(s) of Instruction

English

Host Institution Course Number

CHEM10150

Host Institution Course Title

GENERAL CHEMISTRY FOR SCIENCE (NUIN)

Host Institution Course Details

https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=CHEM10150

Host Institution Campus

University College Dublin

Host Institution Faculty

Host Institution Degree

Host Institution Department

Chemistry

Course Last Reviewed

2024-2025

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