

## 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 Campus

University College Dublin

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

Chemistry

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