COURSE DETAIL

INTRODUCTION TO CHEMISTRY
Country Netherlands
Host Institution Utrecht University – University College Utrecht
Program(s) University College Utrecht
UCEAP Course Level Lower Division
UCEAP Subject Area(s) Chemistry
UCEAP Course Number 10
UCEAP Course Suffix
UCEAP Official Title INTRODUCTION TO CHEMISTRY
UCEAP Transcript Title INTRO TO CHEMISTRY
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

Chemistry describes the composition of matter and its transformations. This introductory course presents an overview of chemistry and lays a foundation by considering its central concepts. The course begins with the quantum world in which the structure of atoms and elements and the role of electrons in chemical bonding are described. Then the energetics associated with chemical processes and chemical equilibria are studied, a discipline called thermodynamics. The course ends with the treatment of some basic organic (i.e., carbon-based) chemical reactions. When possible, attention is paid to the connection of the subject matter with materials science and/or the biochemical relevance.

Language(s) of Instruction
English

Host Institution Course Number
UCSCICHE11

Host Institution Course Title
INTRODUCTION TO CHEMISTRY

Host Institution Course Details
https://cursusplanner.uu.nl/course/UCSCICHE11/2017/SEM1

Host Institution Campus
University College Utrecht

Host Institution Faculty
Faculty of Science

Host Institution Degree

Host Institution Department
Chemistry

Course Last Reviewed
2022-2023

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