

COURSE DETAIL

CHEMISTRY OF MATERIALS

Country

United Kingdom - England

Host Institution

University College London

Program(s)

University College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Chemistry

UCEAP Course Number

120

UCEAP Course Suffix**UCEAP Official Title**

CHEMISTRY OF MATERIALS

UCEAP Transcript Title

CHEM OF MATERIALS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

The course provides an introduction to modern materials chemistry, covering both inorganic materials and organic polymers. Models of bonding and structure in the solid state are developed and linked to functionality of the materials themselves. Synthetic and characterization methods are discussed. Students learn about current challenges in materials chemistry, and how to design materials to overcome them.

Language(s) of Instruction

English

Host Institution Course Number

CHEM0012

Host Institution Course Title

CHEMISTRY OF MATERIALS

Host Institution Course Details

<https://www.ucl.ac.uk/module-catalogue/modules/chemistry-of-materials/CHEM0012>

Host Institution Campus

University College London

Host Institution Faculty

Host Institution Degree

Host Institution Department

Chemistry

Course Last Reviewed

2023-2024

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