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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