

COURSE DETAIL

CRYSTALLOGRAPHY

Country

Korea, South

Host Institution

Yonsei University

Program(s)

Yonsei University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Materials Science Chemistry

UCEAP Course Number

150

UCEAP Course Suffix**UCEAP Official Title**

CRYSTALLOGRAPHY

UCEAP Transcript Title

CRYSTALLOGRAPHY

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

The properties of material are dependent on the composition and atomic arrangement resulted from the atomic bonding. In this course, the atomic arrangement with long range order is explained by using lattice, unit cell, symmetry, crystal system, point group, and space group. The crystal structure is presented geometrically and applied to crystal compound. Topics include Crystalline state, Symmetry, Point groups, Space groups and Application to crystal system.

Language(s) of Instruction

English

Host Institution Course Number

MST2260

Host Institution Course Title

CRYSTALLOGRAPHY

Host Institution Course Details

http://ysweb.yonsei.ac.kr:8888/curri120601/curri_pop2.jsp?hakno=MST2260&bb=01&s...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Materials Science & Engineering

Course Last Reviewed

2021-2022

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