

# 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&...](http://ysweb.yonsei.ac.kr:8888/curri120601/curri_pop2.jsp?&hakno=MST2260&bb=01&...)

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Materials Science & Engineering

## Course Last Reviewed

2021-2022

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