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 Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Materials Science & Engineering

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