

COURSE DETAIL

INORGANIC CHEMISTRY II

Country

Singapore

Host Institution

National University of Singapore

Program(s)

National University of Singapore

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Chemistry

UCEAP Course Number

111

UCEAP Course Suffix

B

UCEAP Official Title

INORGANIC CHEMISTRY II

UCEAP Transcript Title

INORGANIC CHEMISTRY

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course provides an overview of three important aspects of inorganic chemistry: 1) Solid state Chemistry: Crystal Structures and Energetics of Inorganic Solids; 2) Coordination Chemistry of Transition Metal Complexes: Nomenclature, Structures and Bonding, Stability and Reactivity. 3) Molecular Symmetry for Spectroscopic Analysis (FT-IR & UV-vis) of Inorganic Compounds. Assessment: two tests, final exam.

Language(s) of Instruction

English

Host Institution Course Number

CM2111

Host Institution Course Title

INORGANIC CHEMISTRY II

Host Institution Campus**Host Institution Faculty****Host Institution Degree****Host Institution Department**

Chemistry

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