

COURSE DETAIL

ADVANCED INORGANIC CHEMISTRY

Country

Denmark

Host Institution

University of Copenhagen

Program(s)

University of Copenhagen

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Chemistry

UCEAP Course Number

150

UCEAP Course Suffix**UCEAP Official Title**

ADVANCED INORGANIC CHEMISTRY

UCEAP Transcript Title

ADV INORGANIC CHEM

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course studies descriptive chemistry, primarily the transition metals: bonding and structure, reaction mechanisms, and equilibrium. It also covers simple models for electronic spectra and magnetic properties of coordination compounds. Exercises include important characterization techniques in inorganic chemistry, as well as reading and analyzing contemporary research papers in inorganic chemistry. The course involves lectures, laboratory exercises and reports, and theoretical exercises.

Language(s) of Instruction

English

Host Institution Course Number

NKEB13013U

Host Institution Course Title

ADVANCED INORGANIC CHEMISTRY

Host Institution Campus

Host Institution Faculty

Faculty of Science

Host Institution Degree

Bachelor

Host Institution Department

Department of Chemistry

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