

# 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 (KEMIVU)

## Host Institution Course Details

<https://kurser.ku.dk/course/nkeb13013u/2021-2022>

## Host Institution Campus

## Host Institution Faculty

Faculty of Science

## Host Institution Degree

Bachelor

## Host Institution Department

Department of Chemistry

## Course Last Reviewed

2021-2022

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