



FKD3080 Introduction to Crystallography 7.5 credits

Introduktionskurs i kristallografi

This is a translation of the Swedish, legally binding, course syllabus.

If the course is discontinued, students may request to be examined during the following two academic years

Establishment

Course syllabus for FKD3080 valid from Autumn 2009

Grading scale

Education cycle

Third cycle

Specific prerequisites

Basic inorganic and organic chemistry

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

Acquisition of the following skills:

- Ability to describe fundamental crystallographic concepts.
 - Ability to extract the relevant information from a crystallographic paper.
- Ability to find specific tools for solution of a given crystallographic problem.

Course contents

Lectures and exercises

Course literature

Hammond: The basics of Crystallography and Diffraction

Examination

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

Written essay on a selected crystallographic problem.

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.