



FKD3300 Nanostructured Materials 6.0 credits

Nanostrukturerade material

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 FKD3300 valid from Spring 2014

Grading scale

Education cycle

Third cycle

Specific prerequisites

Some previous knowledge about self-assembly and intermolecular forces is beneficial but not an absolute requirement.

Language of instruction

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

Intended learning outcomes

- The course covers properties of a range of nanostructured materials found in nature and in technology
- You will gain understanding between the relation between a materials nanostructure and its properties

You will also gain understanding on self-assembly processes.

Course contents

- Classical lectures
- One research seminar

Course literature

- Lecture materials
- Scientific articles

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.

- Approved written examination
- Approved written report
- Approved oral presentation

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.