FKD3360 Advanced Applied Surface Chemistry 5.0 credits

Avanserad tillämpad ytkemi

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 FKD3360 valid from Autumn 2014

Grading scale

Education cycle

Third cycle

Specific prerequisites

Language of instruction

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

Intended learning outcomes

Provide insight in physical chemical principles for a given application area where surface chemistry is of importance.

Course contents

- Selection of application area together with examiner
- Litterature study
- Discussion with examiner or other expert
- Written litterature report (10-20 pages with extensive reference list
- Oral presentation of the area

Disposition

Basic university course in surface chemistry.

Course literature

- Handbook of applied surface and colloid chemistry
- 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 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.