FKD3340 Project Work in Surface and Colloid Chemistry 5.0 credits

Projektarbete inom yt- och kolloidkemi

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 FKD3340 valid from Autumn 2020

Grading scale

P, F

Education cycle

Third cycle

Specific prerequisites

Basic university course in surface chemistry, and eligible for studies at the third-cycle level.

Language of instruction

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

Intended learning outcomes

After completing the course, the PhD-student should have knowledge and ability to:

- for the level of the course, demonstrate sufficient knowledge within a specific research area within the surface and colloid chemistry discipline
- present, both in oral and written form, the research area in such a way that an audience with chemical knowledge can understand the central concepts and importance of the research area
- consider the importance of the chosen research area for a sustainable society and/or UN:s sustainable development goals.

Course contents

- Selection of fundamental research area together with examiner
- Literature study
- Discussion with examiner or another expert
- Written literature report (10-20 pages with extensive reference list)
- Oral presentation of the area

Examination

- RAP1 - Writtenn report, 4.0 credits, grading scale: P, F
- SEM1 - Seminar, 1.0 credits, grading scale: P, F

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.