



FKD3090 Research Frontiers in Surface and Corrosion Science

4.0 credits

Forskningsfronten inom yt- och korrosionsvetenskap

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

Establishment

Course syllabus for FKD3090 valid from Autumn 2021

Grading scale

P, F

Education cycle

Third cycle

Specific prerequisites

Undergraduate exam in chemistry, physics, material science or similar eligible for studies at the third-cycle level in the area of surface and corrosion science.

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 student should be able to:

- discuss current research areas in surface and corrosion science, including how they contribute to sustainable development as well as associated health- and environmental aspects
- describe how modern research instruments are utilized in order to increase the understanding of surface and corrosion science
- pedagogically present and discuss scientific papers in the area of surface and corrosion science

Course contents

- Presentation of own or related research area
- Active participation at least 20 times
- Opposition on one presentation

Examination

- DEL1 - Participation, 3.0 credits, grading scale: P, F
- SEM1 - Seminars, 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.

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

Other requirements for final grade

To pass the course it is required that the students actively participate at least 20 times. It is also required that each student gives at least one high quality Power Point presentation in English.

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.