



FKD3370 Surfactant Self-Assembly in Bulk and at Interfaces 3.0 credits

Tensiders association i bulk och vid ytor

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 FKD3370 valid from Spring 2014

Grading scale

Education cycle

Third cycle

Specific prerequisites

Basic knowledge of surfactant properties .

Language of instruction

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

Intended learning outcomes

- Provide insight in surfactant self-association in bulk and at interfaces
- Provide understanding about foam films and foams
- Provide an introduction to templating methods for producing nanostructured materials

Course contents

- The course is given as a lecture series, and includes discussion with the lecturer
- Written exam

Course literature

Lecture notes.

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

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.