



# F3B5282 Advanced Surface- and Colloid Chemistry 15.0 cred- its

Avancerad 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 F3B5282 valid from Autumn 2011

## Grading scale

undefined

## 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 a deep knowledge about surface and colloid chemistry.

## Course contents

This course covers many aspects of surface thermodynamics, surfactant association and phase diagrams, surface forces, colloidal stability and emulsions.

## Course literature

Evans and Wennerström: the Colloidal Domain, VCH

## 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.

## 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.