



F3B5155 The Research Front Line in Analytical Chemistry 4.5 credits

Forskningsfronten inom analytisk kemi

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 F3B5155 valid from Autumn 2010

Grading scale

undefined

Education cycle

Third cycle

Specific prerequisites

Either of the courses KD2020, KD2030 or KD2330 or equivalent knowledge acquired elsewhere.

Language of instruction

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

Intended learning outcomes

The students will present analytical chemistry associated research before an audience of other PhD students. In this way the students will get acquainted with each others work, be able to discuss current analytical problems and get a broader understanding of obstacles and pit falls, and possibilities to get past these.

Course contents

This graduate course is based on seminars given mainly by the participating students with at least one senior scientist present as a moderator. All students will give two seminars based on their own research or a literature study they have performed. The subjects can be any research issue related to analytical chemistry; methods, techniques, instrumentation or applications.

Course literature

Relevant scientific literature.

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.

To pass the course the student must give two seminars and be present at more than 75% of the given seminars. Before the seminars the presenting students should send a short summary of the seminar to the rest of the group.

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.