



MJ2653 Environmental Consequences, Advanced Course II

6.0 credits

Miljökonsekvensstudier, fortsättningskurs II

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

Establishment

Course syllabus for MJ2653 valid from Autumn 2009

Grading scale

P, F

Education cycle

Second cycle

Main field of study

Chemistry and Chemical Engineering

Specific prerequisites

Previous knowledge is assumed to be equal to MJ2652 or MJ2651 or MJ2623 or MJ2626 or 3C1356 or 3C1345 or 3C1347.

Language of instruction

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

Intended learning outcomes

After a passed course the students should be able to:

- Implement an analyze and critical study of an specified environmental problem.
- Plan and suggest a scientific field sampling.
- Critically analyze environmental data.
- Search and critically validate scientific literature related to a specific environmental problem.
- Write a scientific report that also should be presented orally.

Course contents

The course is project oriented with focus on environmental problems such as eutrophication, organic pollutants, oil pollutants or climate change. Studies are focused on scientific methods, up to date research problems and different environmental strategies. An important part of the course is based on independent group projects and literature work.

Course literature

The course literature will focus on the environmental problem that the course will focus on. An important part of the literature is also the project reports that will be produced during the course and notes from the lectures.

Examination

- PRO1 - Project Work, 4.5 credits, grading scale: P, F
- NÄR1 - Attendance, 1.5 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

At least 80 % attendance (NÄR1; 1,5 cr) and a project work (Pro1; 4,5cr)

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.