



FAL3304 Environmental Assessment 7.5 credits

Miljöbedömning

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

Establishment

The official course syllabus is valid from the autumn semester 2022 in accordance with the decision from the Dean of the school: A-2022-1352, 3.2 3.2.2. Date of decision: 24/05/2022

Grading scale

P, F

Education cycle

Third cycle

Specific prerequisites

Master program or equivalent, in environmental technology or equivalent.

Language of instruction

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

Intended learning outcomes

The aim for the course is to provide knowledge and skills in environment assessment.

The course includes both specific environment assessment (MKB for project) - the process to identify, describe and assess environmental effects for activities and measures- and strategic environment assessment for plans and programmes (SMB). On completion of the course, the student should be able to:

- Explain key concept that is used in environment assessment
- Describe what characterises the process for a specific environment assessment or strategic environment assessment
- Analyse the role of the environment assessment in relation to the planning and decision-making process
- Describe and analyse environment assessment from an international perspective with special focus on EU the directives for MKB or SMB.
- Analyse environment assessment in relation to sustainable development.
- In a written report, analyse and discuss a field (optional) in environment assessment, see motion below.

Course contents

An overview of key concept that is used in environment assessment is presented at an initial lecture. The following parts, "the Process for a MKB or SMB", "the role in planning and decision-making of the Environment assessment", "Trends and practice from an international perspective" be discussed at literature seminars. The project work that consists of an advanced assignment in the environment assessment area (optional field) is preferably chosen based on interest and own research e.g. environment assessment connected to municipal planning or to a specific sector (e.g. transport planning, energy planning or water planning) or connected to the process in environment assessment e.g. forms for the public's participation, preventive measures, monitoring or tools that can be used in environment assessment such as multi-criteria analysis or forecast tools or questions that relate to risk and/or uncertainty connected to EIA/SEA. The project work is carried out independently and where is possible are made connection to the own research. The project work is examined through a report, be presented and discussed on a final review where we also reflect on how environment assessment relates to sustainable development.

Examination

- PRO1 - Project, 7.5 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

Active participation in project work and in the final review.

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.