



AE2507 Strategic Environmental Assessment 7.5 credits

Strategisk miljöbedömning

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 AE2507 valid from Spring 2011

Grading scale

A, B, C, D, E, FX, F

Education cycle

Second cycle

Main field of study

Built Environment, Environmental Engineering

Specific prerequisites

Three years of academic studies in engineering, planning or natural science.

- Understanding of dominating environmental problems and their causes, corresponding to one basic course on the topic, eg. AE1101 Naturresursteori, or equivalent.

Documented proficiency in English B or equivalent.

Language of instruction

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

Intended learning outcomes

The overall objective of the course is to learn international theory, the practical process, terminology and methods of performing and producing an SEA. After accomplishing the course activities, the student should have a theoretical and conceptual understanding of

- the key principles of the SEA process;
- the terminology and methods used in SEA;
- the role of SEA in relation to the planning and decision-making process;
- SEA trends and practices in an international perspective;
- the methodological issues related to the performance of SEA;
- interdisciplinarity in relation to the performance of SEA.

Course contents

The course consists of lectures and two exercises.

In the lectures the basic principles for SEA and its applications are presented and analysed. In the lectures, course literature is discussed and exemplified and also additional information is provided.

The course includes two exercises, where aspects of the practical process, terminology and methods of performing an SEA are applied. The first exercise, which is an individual study, and the second exercise, which is a group study, are both carried out at the workshops, which are scheduled during the course. The exercises are compulsory.

Course literature

To be determined later.

Examination

- TEN1 - Examination, 3.5 credits, grading scale: A, B, C, D, E, FX, F
- ÖVN1 - Exercise, 1.5 credits, grading scale: A, B, C, D, E, FX, F
- ÖVN2 - Exercise, 2.5 credits, grading scale: A, B, C, D, E, FX, 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.

Written exam; 3,5 hp

Exercise 1; 1,5 hp

Exercise 2; 2,5 hp

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.