



F1N5008 Environmental Strategic Methods 7.5 credits

Miljöstrategiska metoder

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 F1N5008 valid from Autumn 2009

Grading scale

Education cycle

Third cycle

Specific prerequisites

The same as for becoming a PhD student in environmental strategic analysis or corresponding.

Language of instruction

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

Intended learning outcomes

The course is given by the Division of Environmental Strategic Analysis – fms. It gives an overview of relevant environmental strategic methods. It gives the PhD-students an opportunity to connect various tools and relevant methods with their own research.

Course contents

The course is given as a series of lectures and seminars with literature and questions that are to be responded to and discussed.

The PhD-students must write an 8-page (appr 6000 words) paper on how their own research connects to the methods discussed in the course. The paper is to be presented and discussed at a seminar. The course literature consists of a collection of papers that will be distributed during the course.

Disposition

The course consists of the following parts:

1. Methods for futuress studies. Basics + examples from environmental studies
2. Differences between varios scientific methods
3. Cultural analyses – an introduction
4. Tools for environmental systems analyses. Overview with some focus.
5. Interrview mehtods, case studies and/or macro ecomonic modelling.
6. Presentation and discussion of a paper

Lectures and seminars adds up to appr 20 hours

Course literature

Literature:

Bell, Foundations of Futures studies, s. 73-114

Börjeson et al, Users guide to scenarios. Välj mellan artikeln i Futures och den version som givits ut som fms-rapport.

Gullberg et al, Bilder av Framtidsstaden, s. 13-56, (281-335), 453-491

Flyvbjerg, Bent: "Making social science matter", s. 26-49

Hansson, Sven-Ove: "What is technological science?" hela artikeln

Myrdal, Janken: " Om humanvetenskap och naturvetenskap" s. 18-47

Winch, Peter: "Samhällsvetenskapens idé", kap 3, s. 69-91

Ehn, B. and O. Löfgren (2001). Kulturanalyser. Malmö, Gleerup.

Drakos, Georg (1990) **Kal å Ada**. Nord Nytt nr 43

Shove, E. (2003). Comfort, cleanliness and convenience : the social organization of normality.

Oxford, Berg.

+ literature to Tools for nvironmental strategic analyses, Strategic environmental Assessment, Interview mehtods and Macro economic models. till Miljösystemanalytiska verktyg, Strategiska miljöbedömningar, Intervjumetoder och Samhällsekonomiska modeller

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.

Other requirements for final grade

The course participants write a 6000 word paper on how their own research related to the methods discussed in the course.

The paper should include all methods. It may be a part of the covering essay.

The participant should show a familiarity with the course literature by discussing and referring to it. If (a) specific method(s) has no relevance for a certain participant, the paper should explain what other methods the participant use instead, and how they are more suitable. The details on how to solve this is left to the participant, but the task is quite open for interpretations.

The paper should be presented and defended at a seminar by the end of the course, and each participant should be opponent on one other paper.

It is compulsory to take part in all seminars and lectures. If a participant misses one occasion, will be given an extra task to solve.

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.