



MJ2674 Scenario Methods 6.0 credits

Scenariometoder

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

Establishment

Course syllabus for MJ2674 valid from Autumn 2009

Grading scale

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

Education cycle

Second cycle

Main field of study

Specific prerequisites

At least 150 academic credits (ECTS) in a program of engineering, or natural science.

Language of instruction

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

Intended learning outcomes

After you have passed the course you should be able to:

- Describe and explain different scenario methods.
- Assess and explain how scenario methods can be utilized to facilitate planning and conflict management in decision making processes.
- Assess in a group a problem, choose appropriate methodology and develop a scenario.
- Specify and describe how carried out scenarios can be qualitatively assess.

Course contents

The state of the art in scenario methods

The difference between descriptive, normative, quantitative and qualitative scenarios

The principle of scenario based planning Experiences from carried case studies using fore- and backcasting methods

Scenario methodology and conflict resolution management

The case study with a selected scenario method

Disposition

Lectures: 6 * 2 h

Seminars: 3 * 4 h

Course literature

Papers published in scientific reports and journals.

Examination

- PRO1 - Project, 4.5 credits, grading scale: A, B, C, D, E, FX, F
- UPP2 - Home Assignment, 1.5 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.

If the course is discontinued, students may request to be examined during the following two academic years.

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.