



FME3548 Reflexive and Critical Perspectives on Sustainability Transitions 3.0 credits

Reflexiva och kritiska perspektiv på hållbarhetsförändringar

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 applies from Autumn semester 2022 according to ITM School decision on 2022-09-20, M-2022-1362.

Grading scale

P, F

Education cycle

Third cycle

Specific prerequisites

Admitted to PhD studies

Language of instruction

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

Intended learning outcomes

On completion of the course, the student will be able to:

- Critically reflect on sustainability assumptions in sustainability transitions research
- Explain and reflect on reflexive and critical approaches to transitions research
- Critically review and assess a scientific text according to its sustainability assumptions
- Formulate a plan for a scientific study with a reflexive and critical approach

Course contents

The course deals with the basic assumptions within the research domain of sustainability transitions. This domain studies socio-technical transitions towards sustainability in industrial sectors such as transport, energy and food.

The course includes lectures, seminars and other learning activities covering the following topics:

- Introduction to methodology and sustainability assumptions in transition research
- Reflexive and critical perspectives within broader sustainability research such as:
 - Assumptions in sustainability assessment methods
 - Power, colonialism, uncertainty and diversity in the sustainability discourse
 - Problem shifts between international environmental agreements
 - Paradoxes in corporate sustainability work
- Critical review of a scientific text based on its sustainability assumptions
- Research proposal development with a reflexive and critical perspective

Examination

- INL1 - Assignment, 1.0 credits, grading scale: P, F
- SEM1 - Assignment, 2.0 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.

Other requirements for final grade

Attendance at at least 80% of lectures and seminars.

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.