



AK205V Philosophy of Risk for Professionals 2.5 credits

Riskfilosofi för yrkesverksamma

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

Establishment

On 09/07/2020, the Dean of the ABE School has decided to establish this official course syllabus to apply from autumn term 2020 (registration number A-2020-1538) A-2020-1538.

Grading scale

P, F

Education cycle

Second cycle

Main field of study

Specific prerequisites

120 credits higher education

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 should be able to

- report and explain different definitions of risk and uncertainty
- give an account of the fundamentals of risk analysis
- use tools retrieved from the different branches of philosophy, to analyse risks and uncertainties
- discuss ethics and sustainability aspects in analyses and decision making about risks and uncertainties.

Course contents

- Different risk concepts, risk and uncertainty.
- Philosophic aspects on probabilistic risk analysis.
- Values in science and decision-making.
- Precautionary principle.
- Risks and sustainability.
- Risks and ethics.

The teaching consists of online meetings with large element of discussions between the participants. Before each meeting, the participants submit assignments.

Examination

- INL1 - Written exercises, 2.5 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 seminar participation.

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.