AK2004 Philosophy of Risk 7.5 credits

Riskfilosofi

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 AK2004 valid from Autumn 2011

Grading scale

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

Education cycle

Second cycle

Main field of study

Built Environment

Specific prerequisites

120 university credits (hp) and language proficiency corresponding to Swedish A and English B.

Language of instruction

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

Intended learning outcomes

After completed course the student should be able to

- outline the basics of risk analysis,
- state and explain different definitions of risk,
- analyze and discuss risks, using tools from different philosophical subdisciplines,
- critically question and problemize risks and risk analysis from different philosophical perspectives,
- discuss ethical aspects of risks and risk analysis.

Course contents

This is a basic course on philosophical aspects of risk and safety. The course goal is to equip students with tools, collected from different philosophical subdisciplines, that will facilitate risk analysis and risk communication.

The course is made up of lectures and seminars. In the lectures fundamental concepts used in the analysis of societal risks will be introduced, for example uncertainty, risk analysis, maximization of utility, the precautionary principle. A central part of the course is ethical analysis risks, risk assessment, and risk management.

The course is given in Swedish.

The course is given provided that a sufficient number of students apply to take it.

Course literature

Course literature will be announced on the course web page no later than four weeks before the course starts.

Examination

- DEL1 - Attendance, 1.5 credits, grading scale: P, F
- TEN1 - Examination, 3.0 credits, grading scale: A, B, C, D, E, FX, F
- ÖVN1 - Exercises, 3.0 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.

Other requirements for final grade

- Participation (DEL1;1.5 credits) F/P
- Written exam (TEN1;3 credits), A-F
- Home assignments (INL1;3 credits) A-F

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.