



# FAK3143 Philosophy of Risk 7.5 credits

**Riskfilosofi**

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

## **Establishment**

Course syllabus for FAK3143 valid from Autumn 2019

## **Grading scale**

P, F

## **Education cycle**

Third cycle

## **Specific prerequisites**

Enlisted as doctorand student, and language proficiency corresponding to Swedish B/Swedish 3 and English B/English 6.

## **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.

## Course literature

The course literature is posted on the course homepage four weeks prior to the start of the course.

## Examination

- SEM1 - Seminar, 3.5 credits, grading scale: P, F
- TEN1 - Exam, 4.0 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.

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

- SEM1 - Seminars, 3.5 credits
- TEN1 - Examination, 4.0 credits

## Other requirements for final grade

- SEM1 - Seminars, 3.5 credits
- TEN1 - Examination, 4.0 credits

## **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.