



FAK3132 Philosophy of the Technological Sciences 7.5 credits

Teknikvetenskapernas filosofi

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 FAK3132 valid from Autumn 2019

Grading scale

P, F

Education cycle

Third cycle

Specific prerequisites

The course is given for PhD students.

Language of instruction

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

Intended learning outcomes

The course objective is that the student should be able to independently analyze philosophical problems in the philosophy of technology, especially problems concerning the relationships between technology and science, between technology and practical knowledge, and between technology and sustainable development.

Course contents

The course deals with the relationship between technology and science both historically and in modern applications, especially regarding experiments, observations, models and theorizing. A particular focus is put on examples and theories that concern the importance of technology for sustainable development.

Course literature

Sven Ove Hansson (ed.) *The Role of Technology in Science. Philosophical Perspectives*. Dordrecht: Springer, 2015.

Christine Rösch "Ethics of sustainability- an analytical approach", pp 17-34 in *The Ethics of Technology*, 2017.

In addition, current literature that is determined before the start of the course.

Examination

- UPP1 - Written report, 7.5 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.

UPP1 - Written report, 7.5 credits

Other requirements for final grade

To pass requires both active participation in the course, and a passed essay on one with the teacher agreed topic.

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.