



LT1019 Gender Perspectives in Technology and Science - Education for secondary school grade 7-9 4.0 credits

Genus i teknik och naturvetenskap - åk 7-9

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

Establishment

On 20 August 2021, the Dean of the ITM school has decided establish this official course syllabus to apply from spring term 2022, registration number: M-2021-1385.

Grading scale

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

Education cycle

First cycle

Main field of study

Technology and Learning

Specific prerequisites

Special admission requirements, Ma 3c, Fy 1, Ke 1. In each of the subjects are required lowest the grade E.

Language of instruction

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

Intended learning outcomes

After passing the course, the student should be able to:

- Give an account of basic gender research theories relevant for teaching of technology and natural sciences.
- Give an account of which importance gender have had and have for the historical development of the technology and the natural sciences.
- Reflect on and discuss knowledge and ideas of gender in relation to technology and natural sciences.
- Prepare and report an interdisciplinary teaching component that contains technology/science and gender.

Course contents

In the course is included

- Basic gender research theories of how sex/gender is designed through norms and values in society.
- Gender perspective on the technology and natural sciences historical development and norms and values that are associated with the subjects.
- Identity creation of pupils in technology and natural sciences.
- Gender studies, technology, natural sciences and teaching for years 7-9 are interdisciplinarily joined in discussions and in development of a teaching component.

Examination

- SEM1 - Seminars, 2.0 credits, grading scale: P, F
- PRA1 - Project work, 2.0 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.

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

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.