



LT1042 Programme Integrating Course in Engineering and Education, year 2 1.5 credits

Programsammanhållande kurs för civilingenjör och lärare, årskurs 2

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

Establishment

On 15/10/2021, the Dean of the ITM School has decided to establish this official course syllabus to apply from autumn term 2022 (registration number M-2021-1885).

Grading scale

P, F

Education cycle

First cycle

Main field of study

Specific prerequisites

At least 45 credits from courses in the programme syllabus of CLGYM should be completed.

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 shall be able to

1. Reflect at the higher level, where underlying causes are also examined, and use methods to plan his/her studies in the short and long term
2. Based on one year of studies in the programme, relate the progression in subject knowledge and skills to the objective of the education and the future professional roles
3. Analyse and take a position on social and ethical questions in technology and educational sciences and justify this position
4. Make oral presentations in mathematics.

Course contents

- Self-regulated learning (for example study techniques, one's own responsibility, procrastination, self-reflection).
- Rhetoric and presentation techniques.
- The implementation of the education (for example official course syllabuses, intended learning outcomes, grading criteria, examination, programme objectives, generic skills, common thread in the education, the set-up of the CLGYM programme, options, quality development, student influence).
- Evaluation of the programme.
- Working life and society aspects (for example lifelong learning, employability, equal opportunities, equality, ergonomics and mental health, internationalisation, and professional roles).
- Subject-specific academic introduction.
- Reflection on supplemental instruction (SI).

Examination

- SEM1 - Seminars and assignments, 1.5 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 participation in all compulsory activities.

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.