



SI2800 Project Work in Physics

7.5 credits

Projektarbete i fysik

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

Establishment

The course plan applies from and including VT2025 according to the decision of the head of undergraduate education S-2024-1370. Decision date: 2024-09-03

Grading scale

P, F

Education cycle

Second cycle

Main field of study

Physics

Specific prerequisites

English B / English 6

Basic knowledge in physics corresponding to what is given during the first three years of the education in the bachelor program Engineering Physics.

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:

- Apply knowledge and skills, acquired during the education, to problems in a chosen field of physics.
- Formulate problems and use appropriate solution methods in the chosen field.
- Use independent study forms to consolidate and deepen his/her knowledge in physics.
- Present the work in written or oral form with requirements for content, structure and language.

Course contents

A project work consists of an individual task with focus on and a topic within a certain area of physics.

Examination

- INL1 - Project, 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.

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

The project work must be presented in written or oral form, i.e. the project INL1 is either written or oral.

Other requirements for final grade

Approved project work, i.e. approved project INL1.

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.