

SYLLABUS

Bachelor Thesis in Engineering Physics and Electrical Engineering 15 credits X0003E

Examensarbete i teknisk fysik och elektroteknik, teknologie kandidat

Course syllabus admitted: Autumn 2023 Sp 1 - Present

**DECISION DATE
2022-01-13**

Bachelor Thesis in Engineering Physics and Electrical Engineering 15 credits X0003E

Examensarbete i teknisk fysik och elektroteknik, teknologie kandidat

First cycle, X0003E

Education level	Grade scale	Subject	Subject group (SCB)
First cycle	U G#	Elektroteknik	Electrical Engineering

Main field of study

Engineering Physics and Electrical Engineering

Entry requirements

In order to meet the general entry requirements for first cycle studies you must have successfully completed upper secondary education and documented skills in English language and at least 135 points completed courses as required for the degree. In addition to the above, the examiner decides whether the proposed degree project is within the subject area and student has the depth of knowledge required.

Selection

The selection is based on 1-165 credits.

Course Aim

The student shall be able to:

- Define a relevant problem statement based on a selected topic within the subject of Engineering Physics and Electrical Engineering.
- In an investigation and development or small research project, independently and systematically, apply knowledge and skills acquired through performed studies.
- Select and motivate choice of method for the study.
- With relevant information, analyse and suggest solution for the defined problem statement.
- Identify, find and evaluate information, scientifically compile and summarize the information.
- Plan research and development work.
- Assess the relevance of the results obtained.
- Work by schedule.
- Present the work with good style of writing, both linguistically and scientifically.
- Scientifically present and defend the results and findings of the work.
- Critically and constructively review other studies.

Contents

General An accepted thesis within the subject of the program is required for the bachelor's degree. Time limit A student who has started a thesis, but has not completed it within 12 months, does not have the right to finish the project.

Realization

Each course occasion's language and form is stated and appear on the course page on Luleå University of Technology's website.
Individual advise.

Examination

If there is a decision on special educational support, in accordance with the Guideline Student's rights and obligations at Luleå University of Technology, an adapted or alternative form of examination can be provided. The head of the department of Computer Science and Electrical Engineering is responsible for assigning an internal supervisor individually for every thesis project. Mandatory The following is required for grading a bachelor's thesis: • Presence at two other thesis presentations. • Being opponent at another student's thesis presentation. • Oral presentation of own thesis. • Written thesis graded by the internal supervisor (after adjustments based on comments from the internal supervisor and the opponent). The participation in thesis presentations should be done before the own thesis project has started. Opposition on another student's thesis may be done at the earliest when the internal supervisor decides that own work is completed.

Unauthorized aids during exams and assessments

If a student, by using unauthorized aids, tries to mislead during an exam or when a study performance is to be assessed, disciplinary measures may be taken. The term "unauthorized aids" refers to aids that the teacher has not previously specified as permissible aids and that may assist in solving the examination task. This means that all aids not specified as permissible are prohibited. The Swedish version has interpretative precedence in the event of a conflict.

Course offered by

Department of Computer Science, Electrical and Space Engineering

Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0001	Degree project commenced	U G#	0	Mandatory	A09	
0002	Oral presentation and degree thesis	U G#	15	Mandatory	A09	Yes

Last revised

by 2022-01-13

Syllabus established

by the Department of Computer Science and Electrical Engineering 2008-12-15