Communication

Programme course

2 credits

Introduktion till examensarbete för matematiker och fysiker

TGTU56

Valid from: 2017 Spring semester

Determined by
Board of Studies for Electrical Engineering, Physics and Mathematics

Date determined
2017-01-25

Main field of study
No main field of study

Course level
First cycle

Advancement level
G2X

Course offered for
- Physics and Nanotechnology
- Mathematics

Entry requirements
Note: Admission requirements for non-programme students usually also include admission requirements for the programme and threshold requirements for progression within the programme, or corresponding.

Intended learning outcomes
The aim with this course is to provide tools and support to students who are preparing to write a Bachelor's thesis. The student should increase the skill in oral and written presentations. After the course the student shall be able to

- Communicate according to given conditions
- Structure and present information
- Analyze and evaluate both oral and written communication and to act as opponent

Course content
Key elements in the course are

- Scientific integrity
- Information retrieval
- Report writing
- Act as opponent

The element of scientific honesty and information retrieval will: address source evaluation, how to refer to sources, and how to use programs for reference handling. Introduction and background, identification of problems and issues, materials and methods, results, summary and discussion and final processing is the steps of the writing process that is meant to be included. The students act as opponents during the seminars where they discuss each other's texts.

Teaching and working methods

The course is meant to primarily consist of student centered workshops in which various elements of the process of writing a thesis is discussed and based on the students ' own texts. Some of the more comprehensive lectures are also included

Examination

UPG2	Seminars	1 credits	U, G
UPG1	Written Assignments	1 credits	U, G

Absence from the seminars is compensated with a written analysis of the texts that have been discussed.
Grades are given as 'Pass' or 'Fail'.

Grades

Two-grade scale, U, G

Department

Institutionen för Tema

Director of Studies or equivalent

Maria Eidenskog

Examiner

Eva Törnqvist

Course website and other links

Education components

Preliminary scheduled hours: 18 h
Recommended self-study hours: 35 h

Course literature

Additional literature

Books

Higham, Nicholas J., (1998) *Handbook of Writing for the Mathematical Sciences*

Common rules

Regulations (apply to LiU in its entirety)

The university is a government agency whose operations are regulated by legislation and ordinances, which include the Higher Education Act and the Higher Education Ordinance. In addition to legislation and ordinances, operations are subject to several policy documents. The Linköping University rule book collects currently valid decisions of a regulatory nature taken by the university board, the vice-chancellor and faculty/department boards.

LiU's rule book for education at first-cycle and second-cycle levels is available at http://styrdokument.liu.se/Regelsamling/Innehall/Utbildning_pa_grund-_och_avancerad_niva.