

# Introduction to Bachelor Thesis

Programme course

4 credits

Introduktion till examensarbete

TDIU14

Valid from: 2017 Spring semester

**Determined by**

Board of Studies for Computer Science  
and Media Technology

**Date determined**

2017-01-25

## Main field of study

Computer Science and Engineering, Electrical Engineering

## Course level

First cycle

## Advancement level

G2X

## Course offered for

- Computer Engineering, B Sc in Engineering

## 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.

## Prerequisites

Advanced knowledge and skills in their subject area.

## Intended learning outcomes

After completing the course students at undergraduate level shall:

- be able to use basic concepts of scientific method
- be able to write scientific and technical text with good academic standards.
- have a good knowledge of and be able to select and evaluate relevant engineering and scientific methods in their subject area.
- independently design and criticize a plan for a scientific study.
- independently assess scientific work.
- be able to independently seek and critically examine the sources in their subject area.
- be able to independently compiling scientific and technical information.
- be able to independently assess and deal with ethical issues and societal aspects of scientific and technical work.

## Course content

- Scientific Method: The aim of scientific methods, quantitative methods, qualitative methods.
- Scientific writing
- Literature search and selection
- Criticism: reliability and validity
- Reference management
- Research ethics
- Societal aspects of research and technological development

## Teaching and working methods

The course is organized in lectures, seminars and assignments.

The course will be a preliminary study for a thesis degree project carried out, including the formulation of research questions, literature search and compilation of a theoretical framework, and methodology description.

The course also examines various scientific aspects within the thesis seminar.

## Examination

UPG1	Assignments	2 credits	U, G
SEM1	Seminars	2 credits	U, G

## Grades

Two-grade scale, U, G

## Department

Institutionen för datavetenskap

## Director of Studies or equivalent

Ahmed Rezine

## Examiner

Aseel Berglund

## Education components

Preliminary scheduled hours: 0 h

Recommended self-study hours: 107 h

## Course literature

Anslås på kurswebbplatsen.

## 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://stydokument.liu.se/Regelsamling/Innehall/Utbildning\\_pa\\_grund-\\_och\\_avancerad\\_niva](http://stydokument.liu.se/Regelsamling/Innehall/Utbildning_pa_grund-_och_avancerad_niva).