# DD2300 Program Integrating Course in Computer Science 2.0 credits

## Programsammanhållande kurs i datalogi

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

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

## Establishment

The official course syllabus is valid from the autumn semester 2022 in accordance with the decision from the head of school: J-2022-0575.Decision date: 21/03/2022

## Grading scale

P, F

## Education cycle

Second cycle

## Main field of study

Computer Science and Engineering

## Specific prerequisites

## Language of instruction

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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

- review critically and reflect on both the set-up and implementation of the education as well as their own study situation
- compare different workplaces and professions relevant to computer scientists
- reflect in a deeper way over different topics relevant for the professional role, such as channels to find interesting jobs, internationalization, the future for computer science in the working life, ethical responsibility, minorities and equality.
- reflect on and discuss the role of computer science applications to reach economically socially and ecologically sustainable development
- plan and carry out assignments within stipulated time
- identify their need of additional knowledge and continuously develop their skills in relation to the objective of the education and the future professional role

in order to be able to

- obtain the most of the education and the working life in a long-term perspective,
- influence the development of the programme.

# Course contents

How do second-cycle studies at KTH work?

Study visits. What may a computer scientist do after graduation?

The objectives and parts of the Master's programme: courses, tracks and master thesis.

Channels to find interesting jobs, internationalization, the future for computer science in the working life, ethical responsibility, minorities and equality, lifelong learning

The role of computer science applications to reach economically, socially and ecologically sustainable development

Self-reflection. What do I want with my education?

Evaluation of the programme. Participation in research studies.

# Examination

- UPP1 - Exercises, 1.0 credits, grading scale: P, F
- UPP2 - Exercises, 1.0 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.

The assignments consist of reflection seminars, reflection documents, fellow student feedback and questionnaires

# Other requirements for final grade

Active participation in all compulsory activities and passed reflection documents.

# 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.