



DD2441 Seminars on Theoretical Computer Science 6.0 credits

Seminariekurs i teoretisk datalogi

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

Establishment

Grading scale

A, B, C, D, E, FX, F

Education cycle

Second cycle

Main field of study

Computer Science and Engineering, Information Technology, Information and Communication Technology

Specific prerequisites

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

After a successfully completed course the student will be able to:

discuss advanced concepts within the area of the course,

actively attack problems in the area of the course, both through independent work and through finding relevant information elsewhere,

extract and understand the essential content of scientific articles in the area of the course.

Course contents

The syllabus will vary between years. Examples of subjects are:

- algorithms for approximation
- data mining
- cryptography
- parallel computations
- probabilistic algorithms.

Course literature

To be announced at least 2 weeks before the course starts at the web page for the course.

Examination

- ÖVN1 - Exercises, 6.0 credits, grading scale: A, B, C, D, E, FX, 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.

Other requirements for final grade

Written exercises (ÖVN1; 6 university credits).

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.