



DD2430 Project Course in Data Science 7.5 credits

Projektkurs i dataanalys

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

Establishment

Course syllabus for DD2430 valid from Autumn 2017

Grading scale

P, F

Education cycle

Second cycle

Main field of study

Computer Science and Engineering

Specific prerequisites

Language of instruction

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

Intended learning outcomes

1. The student should be able to read scientific articles critically.
2. The student should be able to reproduce methods in articles.
3. The student plans and carry out work in a group.

Course contents

The course will consist of a part where we study how a scientific article is constructed. The students will then, in groups of e g five, choose papers in their subtrack (machine learning, Natural Language Processing, or bioinformatics), reimplement the method in the article, and recreate experiments. The type of project thus will vary depending on subtrack, while the intended learning outcomes are the same for all three subtracks. Shortly said, the course will bridge the gap between the courses in each subtrack and the degree project.

Examination

- PRO2 - Oral evaluation, 4.0 credits, grading scale: P, F
- PRO1 - Project report, 3.5 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.

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

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.