



DD2402 Advanced Individual Course in Computational Biology 6.0 credits

Avancerad individuell kurs i beräkningsbiologi

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 2021 in accordance with Head of School decision: J-2021-0878. Decision date: 15/04/2021

Grading scale

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

Education cycle

Second cycle

Main field of study

Biotechnology, 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 passing this course you will be able to solve a design, implementation or investigative task with limited supervision, and to report the result of such a task. More precisely, you will be able to

- plan, carry through and report such a task in computational biology,
- obtain and evaluate information applicable for carrying out the task,
- choose a course of approach and define, follow and follow up a plan for carrying out the task in a given resource budget (6 hp),
- report your results orally and in writing, professionally,
- show increased knowledge in an area of computational biology.

Course contents

Through this course students with a special interest area within the field of computational biology can perform studies that have been individually defined for the specific student to fit his/her interests. Course contents and examination will be individually defined for each student. The course can only be offered if the department has sufficient resources and competence within the special interest area.

No instruction is given on this course.

Examination

- INL1 - Written 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.

Other requirements for final grade

Since this is an individually formed course the examination will vary. The course is reported as written exercises (INL1; 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.