KH1211 Mathematical Statistics 4.5 credits

Matematisk statistik

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

Course syllabus for KH1211 valid from Autumn 2007

Grading scale

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

Education cycle

First cycle

Main field of study

Chemistry and Chemical Engineering,Technology

Specific prerequisites

Language of instruction

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

Intended learning outcomes

To give its students basic knowledge of, and abilities to perform, design, and evaluate statistical analysis of experiments.

Course contents

Computer aided statistics. Probability calculus. Applied statistics.

Course literature

Råde, L: Inledning till sannolikhetslära och statistik.

Examination

- LAB1 - Computer Lab Works, 1.5 credits, grading scale: P, F
- TEN1 - Theory, 3.0 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

Written exam (TEN1; 3 cr.). Passed data lab sessions (LAB1; 1,5 cr.). The results at both elements have effect on the grade.

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.