BB1105 Biochemistry, Laboratory Course 7.0 credits

Biokemi, laborationskurs

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

Establishment

Course syllabus for BB1105 valid from Autumn 2014

Grading scale

P, F

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

Completed upper secondary education including documented proficiency in English corresponding to English A. For students who received or will receive their final school grades after 31 December 2009, there is an additional entry requirement for mathematics as follows: documented proficiency in mathematics corresponding to Mathematics A.

Specific requirements in mathematics, physics and chemistry are corresponding to Mathematics E, Physics B and Chemistry A.

Language of instruction

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

Intended learning outcomes

The course is designed to provide basic biochemical lab techniques and methods for writing lab reports.

After passing the course, the student should be able to:
• Plan and execute simple biochemical separations and analysis assignments, interpret the results and write a report

Course contents

Separation of proteins with electrophoresis and chromatography

Immunological analysis methods

Enzyme kinetics

Course literature

Course literature will be announced closer to the course start.

Examination

• LAB1 - Laboratory Work, 7.0 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.

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

Other requirements for final grade

Completed Laboratory work and passed laboratory reports together with written examination

LAB1; P,F

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.