



CB1170 Biotechnology for a sustainable society 1.5 credits

Bioteknik för ett hållbart samhälle

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 CB1170 valid from Autumn 2022

Grading scale

P, F

Education cycle

First cycle

Main field of study

Biotechnology

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 the course, the student has achieved the following objectives:

- Demonstrate knowledge of the role of biotechnology in the development of a sustainable society,
- Demonstrate the ability to critically and systematically search for and use scientific and technical information,
- Demonstrate the ability to orally and in writing present the work to a given target group with relevant structure and content

Course contents

The aim of the course is to get the student acquainted with biotechnological applications in different areas of the society. Based on fundamental knowledge within sustainability, the role of biotechnology in the society and its impact on humans and the environment is analyzed. The student also practices skills needed in the work environment in which the engineer is active like searching and critically reviewing sources of information and oral and written reporting.

Examination

- INL1 - Homework 1, 1.5 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.

Other requirements for final grade

Active participations in the seminars and the exercises.

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.