



CB1000 Sustainable development and project management

3.0 credits

Hållbar utveckling och projektledning

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

Establishment

Course syllabus for CB1000 valid from Autumn 2022

Grading scale

P, F

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

20 ECTS Biotechnology 20 ECTS Chemistry and 20 ECTS Mathematics.

Language of instruction

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

Intended learning outcomes

After completion of the course the student shall have

Knowledge and understanding to:

- Describe and explain key concepts in sustainable development
- Explain and account for different perspectives within sustainable development
- Demonstrate basic project management skills and work in project form.

Skills and abilities to:

- Compare and evaluate existing products / technologies from a sustainability point of view in terms of resource availability and impact on people, the environment and society.

Values and approaches to:

- Describe and discuss how sustainable development can be affected globally, nationally and locally.

Course contents

The course provides knowledge about the role of biotechnology in the development of a sustainable society and touches on concepts within sustainable development, laws and regulations. The students work in project form to analyze the impact of biotechnology products or services on man, the environment and society.

Examination

- INL1 - Hand in exercise, 3.0 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

Participation at the seminars is compulsory.

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.