



BB102X Degree Project in Engineering and Management, First Cycle 15.0 credits

Examensarbete inom teknik och management, grundnivå

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 BB102X valid from Spring 2015

Grading scale

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

Education cycle

First cycle

Main field of study

Biotechnology, Technology

Specific prerequisites

Students admitted autumn 2007:

See recommended prerequisites

Students admitted autumn 2008 and ahead:

At least 120 credits within the CINEK programme, including 20 credits finished courses within the field of Biotechnology, until the re-examinations in January, if the Degree project, first level, begins during the spring semester in period 4, the current academic year.

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 Degree Project the student should be able to:

1. Apply knowledge and skills acquired during the studies on issues in biotechnology
2. Formulate and attack a technical problem by applying the relevant methodology
3. Identify the need for further knowledge and continually develop the skills through advanced studies in a specific field
4. Within the project framework, be able to independently analyse the raised issues and reflect on, evaluate and critically examine their own and others' results
5. Continuously planning and documenting a work process
6. Present the work in writing for a specific audience, calling for the structure, content, argumentation, citation and referencing
7. Present the work orally for a specific audience, calling for the structure, content and argumentation
8. Identify commercialization ideas and funding opportunities to start up technology-based businesses

Course contents

Most of the course is tied to a project task to be planned, performed, and presented as interim and final reports according to a given curriculum. The task is formulated around the development of a production process for a specific product/prototype. The project involves a part focusing on a specific task. In support of the project work modules are included that develop professional communication and entrepreneurship.

Course literature

Notified during the course adapted to the assignment.

Examination

- XUPP - Examination Question, 15.0 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

Approved written report and oral presentation (XUPP; 15 credits)

80% attendance requirement at scheduled lectures, seminars and 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.