



FBB3120 Supervision Methodology for Diploma Projects 6.0 credits

Handledningsmetodik för projektarbete

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 FBB3120 valid from Spring 2014

Grading scale

Education cycle

Third cycle

Specific prerequisites

The course is open for PhD students in Biotechnology or related subjects. PhD students enrolled at the School of Biotechnology have priority. Participants should be prepared to supervise students working with projects in Biotechnology.

Language of instruction

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

Intended learning outcomes

The aim of the course is to develop supervisory skills of PhD students and provide knowledge about different supervisory methods. The course will give insight into the supervisory process and how a professional supervisory approach is developed and maintained. After completed course PhD students will be able to:

- supervise students individually and in groups
- actively apply supervision methodology
- maintain a good communication with the supervisees
- design tasks that help supervisees reach intended learning outcomes
- reflect on their role as supervisors.

On a larger perspective the course aims to prepare for future supervisory tasks and improve quality of teaching.

Course contents

The course aims to develop supervisory skills both in theory and in practice. The theoretical part of the course provides basic knowledge about supervision by defining the role and responsibilities of the supervisor and the supervisee. Different supervision strategies and students learning styles are introduced. The course also highlights how to help students reach intended learning outcomes by maintaining a professional working relation with the supervisee, communicating feedback and handling conflicts. Supervisory strategies are then applied in practice by supervising a group of supervisees while working with a biotechnology related project designed within the context of the course.

Disposition

The course includes a theoretical and a practical part that are taught in parallel. The theoretical part of the course includes seminars and exercises including problem-based discussions that illustrate real life situations encountered while supervising. During the practical part of the course participants will supervise students pursuing first level Degree Project in Biotechnology. A suitable theoretical project is designed for this purpose and students working with the proposed project are supervised.

Course literature

Artiklar i internationella tidskrifter. Peer reviewed articles.

Examination

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

Two signments and completion of the practical supervisory task.

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.