



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 2011

Grading scale

Education cycle

Third cycle

Specific prerequisites

Enrolled PhD student at School of 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 components and how a professional supervisory approach is developed and maintained. After completed course PhD students will be able to actively apply supervision methodology and reflect on their role as supervisor. On a larger perspective the course aims to prepare PhD students for future supervisory tasks, improving the quality of the supervisee's learning outcome and improve the teaching quality at the department.

Course contents

The course aims to develop the supervisory skills of PhD students both in theory and practice. The theoretical activities will provide basic knowledge about supervising projects by defining the role and responsibilities of the supervisor and the supervisee. The course will introduce different supervision strategies, students learning styles as well as highlight problems that might arise during supervision activities and how to solve them. Each PhD student will during the course design a project related to their own research. During the practical part of the course each PhD student will supervise a group of students while working with the proposed project and receive feedback from the supervised students.

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 PhD students will supervise students pursuing first level Degree Project in Biotechnology. PhD students will design a suitable project, actively supervise a group of students working with the proposed project, participate and contribute to meetings with the students and analyze results achieved by the students.

Course literature

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 written assignments 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.