FCB3022 Higher Seminar in Protein Science II 3.0 credits

Högre seminarium i proteinvetenskap II

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

Establishment

Course syllabus for FCB3022 valid from Spring 2019

Grading scale

P, F

Education cycle

Third cycle

Specific prerequisites

Eligible for studies at the third-cycle level.

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 should be able to

- demonstrate both broad and specialized knowledge in the overall subject area of biotechnology with emphasis on protein science
- demonstrate the ability to present pedagogically, critically examine and discuss their own and others' scientific work in the subject of biotechnology with emphasis on research in protein science
- demonstrate the ability to acquire knowledge of academic authorship and the international scientific publishing landscape with relevance to the scientific focus area of the course
- demonstrate the ability to identify, discuss and reflect on ethics and sustainability aspects in the research that is discussed within the framework of the scientific focus area of the course

Course contents

The course comprises approximately 80 full-time study hours in the form of science seminars that are held once a week. The seminars focus on current research in the field of protein science. The course assumes the form of higher seminars where the students present, interpret, analyze, critically examine and actively discuss mainly their own work, but also others' leading research literature in the research field. An important aspect of the course is that the students provide feedback on each other's scientific work. The course is the second of four courses in the seminar series.

Course literature

Literature in the form of the students' own scientific work and published articles are assigned separately for each individual session.

Examination

- DEL1 - Participation, 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.

Grading criteria are specified in the course PM.

Other requirements for final grade

Active participation at 80% of the seminar sessions, which includes presenting, preparing and actively participating in reviewing and discussing selected scientific work, and to act as seminar host at assigned sessions.

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.