



LUND
UNIVERSITY

Faculty of Science

BIOF09, Biology: Project, 7.5 credits

Biologi: Projekt, 7,5 högskolepoäng

First Cycle / Grundnivå

Details of approval

The syllabus was approved by Study programmes board, Faculty of Science on 2017-06-29 to be valid from 2017-06-29, autumn semester 2017.

General Information

The course is elective for a Degree of Bachelor of Science in biology or molecular biology.

Language of instruction: Swedish and English

The course is given in English, but can be given in Swedish depending on the nature of the project and if the student is Swedish-speaking.

Main field of studies

Molecular Biology

Biology

Depth of study relative to the degree requirements

G2F, First cycle, has at least 60 credits in first-cycle course/s as entry requirements

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Learning outcomes

The overall major aim of the course is that the student should plan and carry out a project or a part thereof. The project can be a research project or a another form of project. The student should understand the process for the project, including its possibilities and difficulties, and be able to conduct it with certain independence.

Knowledge and understanding

On completion of the course the student shall be able to:

- account for the process for a shorter project with biological connection, including issues, aims and implementation

- present biological/molecular biological subject knowledge of relevance for the current project
- explain set-up and structure for a written scientific article or project report

Competence and skills

On completion of the course the student shall be able to:

- plan a project and write a project plan together with a supervisor
- search for information in scientific and/or other relevant sources
- compile information that is relevant for the implementation of a project
- with certain independence carry out the tasks that are included in the current project
- document the practical work during a project
- follow planned time frames for a project
- write a project report in the form of a scientific article or in other form depending on the nature of the project

Judgement and approach

On completion of the course the student shall be able to:

- evaluate which information that is relevant for the current project
- evaluate and discuss a project in written form
- reflect on his/her knowledge need in relation to the implementation of the current project

Course content

During the course, a short biological or molecular biological project is planned, is carried out and presented. The project can be carried out in or outside the university. The work includes literature search, project planning, theoretical or experimental work, compilation and evaluation of achieved results as well as a written project presentation.

Course design

The student should make contact with a workplace or research group and find a supervisor. The project should contain practical and/or theoretical work as well as literature studies. The student writes in consultation with the supervisor a project plan that includes a time plan. The project plan should be accepted by the examiner of the course. The student's effort should correspond to full-time work for approximately five weeks. The practical work should be documented continuously, and completion of the project, a report should be written. The report is written as a scientific report (with introduction, method, results, discussion and list of references) or in other form after agreement with supervisor and examiner. Written project plan, active participation in the project and written project report are compulsory.

Assessment

Examination takes place through compulsory components. The project report should be the examiner at hand no later than two weeks after the project has been completed.

In order for a permanently disabled student to be offered an examination opportunity equivalent to that of a non-disabled student, the examiner may, after consultation with the University's Disability Support Services, decide about an alternative form of examination for the student concerned.

The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

Subcourses that are part of this course can be found in an appendix at the end of this document.

Grades

Marking scale: Fail, Pass.

To pass the whole course, passed compulsory components are required.

Entry requirements

For admission to the course, 90 credits scientific studies, of which at least 60 credits in biology and/or molecular biology, are required.

Subcourses in BIOF09, Biology: Project

Applies from H17

1701 Project, 7,5 hp
Grading scale: Fail, Pass