

Syllabus

for course at first level

Degree Thesis in Molecular Biology

Självständigt arbete i molekylärbiologi

15.0 Higher Education

Credits

15.0 ECTS credits

Course code:	BL6004
Valid from:	Spring 2010
Date of approval:	2006-07-24
Changed:	2009-11-23
Department	Department of Biology Education
Main field:	Biology
Specialisation:	G2E - First cycle, has at least 60 credits in first-cycle course/s as entry requirements, contains degree project for BA/BSc

Decision

This syllabus has been approved by the Board of the Faculty of Science at Stockholm University.

Prerequisites and special admittance requirements

Admittance to the course requires knowledge equivalent to 135 credits including Cell and Molecular Biology 15 credits, Diversity and Phylogeny of Organisms 15 credits, Physiology 15 credits and Ecology, Floristics and Faunistics 15 credits. In addition, it requires 15 credits of deepening in a subject field relevant for the subject. (Three credits corresponds to approximately two weeks full-time studies).

Course structure

Examination code	Name	Higher Education Credits
6004	Degree Thesis in Molecular Biology	15

Course content

The course deals with information search, intellectual property rights and plagiarism, scientific writing, writing science for the general public, and the production of scientific posters. The main part of the course is either an individual literature study or an empirical study that is designed in collaboration with a supervisor. The work is presented as a poster, a written report, or in another permanent form. The work is also presented orally at a seminar, at which the student will publicly defend the work under examination by an opponent. The course also includes a seminar serie on scientific perspectives.

Learning outcomes

It is expected that the student after taking the course will be able to:

- search for, critically examine, collate, present and discuss relevant scientific information dealing with a particular molecular biological problem
- adapt the design of the presentation to a particular target group.
- demonstrate understanding of the concept of scientific.

Education

The education consists of lectures, group education, supervision and a seminar serie on scientific perspectives. Participation in lectures, group education and the seminar serie is compulsory. An examiner may rule that a student is not obliged to participate in certain compulsory education if there are special grounds for

this after consultation with the relevant teacher.

Forms of examination

a. Examination for the course is in the following manner: measurement of knowledge takes place through: Written and/or oral presentations.

b. Grading is carried out according to a 7-point scale related to learning objectives:

A = Excellent

B = Very Good

C = Good

D = Satisfactory

E = Sufficient

Fx = Fail

F = Fail

c. Grading criteria for the course will be distributed at the start of the course.

d. A minimum grade of E is required to pass the course, together with:

- approved opposition
- approved attendance at a seminar series on the concept of "scientific"
- participation in all compulsory education

e. Students who fail to achieve a pass grade in an ordinary examination have the right to take at least further four examinations, as long as the course is given. The term "examination" here is used to denote also other compulsory elements of the course. Students who have achieved a pass grade on an examination may not retake this examination in order to attempt to achieve a higher grade. Students who have failed to reach a pass grade on two occasions have the right to request that a different teacher be appointed to set the grade of the course. A request for such appointment must be sent to the departmental board.

Interim

Students may request that the examination is carried out in accordance with this syllabus even after it has ceased to apply. This right is limited, however, to a maximum of three occasions during a two-year-period after the end of giving the course. A request for such examination must be sent to the departmental board.

Misc

The course is a component of the Bachelor's Programmes in Molecular Biology, and it can also be taken as an individual course.

Required reading

Course literature is decided by the departmental board and is described in an appendix to the syllabus.