

Syllabus

for course at first level

Research Traineeship in Biology
Forskningspraktik i biologi

**15.0 Higher Education
Credits**
15.0 ECTS credits

Course code:	BL5018
Valid from:	Spring 2008
Date of approval:	2007-07-04
Changed:	2007-11-19
Department	Department of Biology Education
Subject	Biology
Specialisation:	G2F - First cycle, has at least 60 credits in first-cycle course/s as entry requirements

Decision

This syllabus has been approved by the Board of the Faculty of Science at Stockholm University 2007-07-04 and revised 2007-11-19.

Prerequisites and special admittance requirements

Admittance to the course requires knowledge equivalent to a minimum of 120 credits in Science, including a minimum of 60 credits in Biology. (Three credits corresponds to approximately two weeks full-time studies).

Course structure

Examination code	Name	Higher Education Credits
5018	Research Traineeship	15

Course content

Under supervision the student participate in the daily work in a research laboratory and do the assignments that normally are included in the tasks of a researcher.

Learning outcomes

It is expected that the student after taking the course will be able to: • have a general experience of research in biology and knowledge about the organization and activities in a research laboratory • use knowledge and skills acquired in the field of biology from previous studies and put it into practice • have a better base for choice of future studies.

Education

The course contains a short introduction, qualified practical work in biology at a research department and a final oral presentation. The traineeship is supervised by a researcher at the research department. The site of the traineeship and the supervisor has to be accepted by BIG. The traineeship should be described in a workplan that also has to be accepted before the traineeship can be initiated. The final oral presentation 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. The traineeship is documented in a laboratory notebook according to the general praxis of the research

department and presented orally at a seminar.

b. Grading is carried out according to a two-point scale related to learning objectives: pass or fail

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

d. The grade pass is required to pass the course, together with:

- 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.

Limitations

A maximum of 15 hp traineeship may be included in degrees granted within the principal fields of the faculty.

Misc

The course is a component of the Bachelor Programmes in Biology and 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.