

# Syllabus

for course at first level

**Degree Project in Molecular Biology**  
**Examensarbete i molekylärbiologi**

**15.0 Higher Education  
Credits**  
**15.0 ECTS credits**

<b>Course code:</b>	BL6002
<b>Valid from:</b>	Autumn 2007
<b>Date of approval:</b>	2006-07-24
<b>Department</b>	Department of Biology Education
<b>Subject</b>	Biology

## 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
6002	Degree Project 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 component of the course is theoretical or practical work that is designed individually for the student, in collaboration with a supervisor. The student carries out this work independently. The work is presented in a written report and orally at a seminar.

## Learning outcomes

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

- plan and carry out an independent theoretical or practical investigation of a defined scientific problem
- search for and critically examine scientific information that is relevant for the problem chosen
- analyse and present the results of the investigation in the form of a scientific essay.

## Education

The education consists of lectures, group education and supervision. Participation in lectures and group education 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 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:

• participation in eventual 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**

The course can not be included in a degree together with the course Degree Project in Biology 10 p (BI4380) or the equivalent.

### **Misc**

The course constitutes the compulsory independent work required for the Bachelor's degree. 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**

The literature is based on scientific publications and reports within the relevant field, found by the student through literature search, and literature distributed by the principal supervisor and/or the assistant supervisor.