

# Syllabus

for course at first level

**Conservation Biology**  
**Bevarandebiologi**

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

<b>Course code:</b>	BL5001
<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
<b>Specialisation:</b>	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.

## Prerequisites and special admittance requirements

Admittance to the course requires knowledge equivalent to Cell and Molecular Biology 15 credits, Diversity and Phylogeny of Organisms 15 credits, Physiology 15 credits and Ecology, Floristics and Faunistics 15 credits. (Three credits corresponds to approximately two weeks full-time studies).

## Course structure

Examination code	Name	Higher Education Credits
5001	Conservation Biology	15

## Course content

The course covers a broad introduction to conservation biology with a particular focus on conservation genetics and ecology, threats to biological diversity and methods to assess vulnerability and extinction risk.

## Learning outcomes

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

- explain basic conservation biology science and how it has developed,
- show skills in some methods applied in conservation biology,
- explain how stochastic and deterministic processes affect the dynamics, survival and genetic composition of populations,
- understand how to apply conservation biology for practical conservation work.

## Education

The education consists of lectures, laboratory exercises, group exercises and project work.

Participation in laboratory exercises, group exercises, project work and group education associated with this 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 examination

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 laboratory exercises
- approved written and oral presentations
- 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**

The course can not be included in a degree together with the courses Population Genetics and Conservation Biology 10 p (BI3530) and Evolutionary and Conservation Ecology 10 p (BI462L) or the equivalents.

### **Misc**

The course is a component of the Bachelor's Programmes in 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.