

Syllabus

for course at advanced level

Landscape Ecology I
Landskapsekologi I

**7.5 Higher Education
Credits**
7.5 ECTS credits

Course code:	BL7001
Valid from:	Autumn 2007
Date of approval:	2006-09-11
Department	Department of Biology Education
Subject	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 90 credits, including 60 credits in one discipline (Three credits corresponds to approximately two weeks full-time studies). Swedish upper secondary school course English B or equivalent or one of the following tests. Cambridge CPE och CAE: Pass. IELTS : 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written test part). TOEFL (computer based): 213. TOEFL (internet based): 79.

Course structure

Examination code	Name	Higher Education Credits
7001	Landscape Ecology	7.5

Course content

The course covers the significance of spatial and temporal processes for ecological patterns. Spatial dynamics in relation to evolutionary issues and conservation. Social interactions, ownership and social power and their importance for the development of the landscape. The importance of local and global geographical processes for landscape development. Methods and material for landscape analysis.

Learning outcomes

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

- put into practice the content of the course in planning, realizing and analysing the content of the course into landscape ecology questions
- describe and explain how socioeconomic factors co-operate with ecological processes in the development of landscape, flora and fauna.
- describe theories and models of landscape ecology in general.

Education

The education consists of lectures, group work, seminars and exercises, Participation in group works, seminars, exercises 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

- 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 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 course Landscape Ecology 10 p (BI3850) or the equivalent.

Misc

The course is a component of the Master's Programme 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.