

Syllabus

for course at advanced level

Natural Resources and Society
Naturreсурser och samhälle

**15.0 Higher Education
Credits**
15.0 ECTS credits

Course code:	BL7013
Valid from:	Autumn 2007
Date of approval:	2006-09-27
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 120 credits, including 90 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
7A13	Theory	10.5
7B13	Project	4.5

Course content

a. The course provides a transdisciplinary systems oriented view as a base for management and resource use ecosystems. The course covers theories on complex systems, social-ecological networks and ecological economics. Ecological as well as social and economical driving forces are analysed from case studies. Examples from Sweden are used but also from subtropical and tropical areas. The course includes a longer essay project with emphasis on urbanisation, ecosystem services and management of green areas in urban regions.

b. The course includes the following elements 1. Theory 10.5 hp, 2. Project 4,5 hp

Learning outcomes

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

- demonstrate knowledge about biodiversity, function and ecosystem services in ecosystems affected by humans
- describe ecological, social and economical driving forces to environmental change and to give a social science perspective to natural resources management
- show a good insight into transdisciplinary approaches and methods
- plan, commence, communicate and evaluate projects

Education

The education consists of lectures, group discussions, study visits, project work and seminars.

Participation in group discussions, study visits, project work, seminars 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 as well as 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 group discussions
- 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 Natural Resources and Society 10 p (BI3560), Ecosystem management 5 p, Organization and Governance in dynamic social-ecological system 5 p or the equivalents.

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.