

Syllabus

for course at advanced level

Adaptive Governance of Social-Ecological Systems
Adaptiv förvaltning av sociala-ekologiska system

**7.5 Higher Education
Credits**
7.5 ECTS credits

Course code:	BL8021
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 Resilience, Vulnerability and Adaptability 7,5 credits and Ecosystem Management 7,5 credits (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
8021	Adaptive Governance of Social-Ecological Systems	7.5

Course content

The course covers the latest research on resilience in social-ecological systems. Different approaches to adaptive governance are studied using case studies that aim to increase the resilience in the existing social-ecological system or to transform the system in order to increase the generation of the ecosystem services desired by society.

Learning outcomes

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

- define and describe the concepts adaptive governance, transformability, social-ecological resilience, social capital, learning organisations and institutions;
- describe and explain how adaptive governance together with varying forms of collaboration at different organisational levels in the context of ecosystem management works in theory as well as in practice;
- analyse society's adaptive capacity to respond to ecosystem change in order to insure flows of ecosystem services;
- analyse and assess how overlapping rule systems and social networks can affect the legitimacy and resilience of social-ecological systems.

Education

The education consists of lectures, group exercises and seminars. Participation in group exercises, 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, written and/or oral presentations and activity at seminars.

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 courses Natural Resource Management, Governance and Globalization 40 p (BI4660) and Natural Resources and Society 10 p (BI3560) or the equivalents.

Misc

The course is a component of the Master's Programme in Ecosystems, Governance and Globalisation, 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.