

Syllabus

for course at advanced level

**Ecosystem service assessments
Ekosystemtjänstanalys**

**4.0 Higher Education
Credits
4.0 ECTS credits**

Course code:	BL7064
Valid from:	Autumn 2020
Date of approval:	2020-09-28
Department	Department of Biology Education
Main field:	Social-Ecological Resilience for Sustainable Development
Specialisation:	A1N - Second cycle, has only first-cycle course/s as entry requirements

Decision

This course syllabus was approved by the Board of Science at Stockholm University on 28/09/2020.

Prerequisites and special admittance requirements

For admission to the course, knowledge is required equivalent to at least 60 credits in one or several relevant subjects (e.g. geography, environmental science, political science, economics, city planning, engineering science, architecture, communication), alternatively equivalent knowledge gained from, e.g., work experience. English 6 or equivalent.

Course structure

Examination code	Name	Higher Education Credits
HELA	Ecosystem service assessments	4

Course content

The course introduces the concept of ecosystem services and the process of analysing ecosystem services. The course focuses on how to use ecosystem service analysis to identify the consequences of environmental changes and decisions on how environmental management can improve, reduce or maintain the flow of benefits from ecosystem services. The six steps in the analysis process consist of: defining the issue and the context, including the significant environmental, social and economic dynamics; identification of priority ecosystem services; identification of what is to be evaluated; identification and use of indicators and other information; synthesizing results; and to communicate the results.

Learning outcomes

After completing the course, the student is expected to be able to:

- identify high-priority ecosystem services,
- explain the environmental, social and economic significance of high-priority ecosystem services,
- explain the contexts in which ecosystem service analysis is applicable.

Education

Teaching consists of lectures and exercises. Teaching is provided as distance education. The course is offered in English.

Forms of examination

a. The course is examined as follows: Assessment takes place through exercises as well as written and oral

presentations. The examiner can decide on adapted or alternative examination formats for students with disabilities. The examination will be conducted in English.

b. A passing final grade requires participation in lectures. If special reasons exist, following consultation with the teacher involved, the examiner may grant the student exemption from the obligation to participate in certain compulsory instruction. The course contains no activities that require attendance on campus.

c. Grading: The course's final grade is set according to a two-point criterion-referenced scale:

G = Pass

U = Fail

d. The course's grading criteria are handed out at the start of the course.

e. Students who receive a failing grade on a regular examination are allowed to retake the examination as long as the course is still provided. The number of examination opportunities is not limited. Other mandatory course elements are equated with examinations. A student who has received a passing grade on an examination may not retake the examination to attain a higher grade. A student who has failed the same examination twice is entitled to have another examiner appointed, unless there are special reasons to the contrary. Such requests should be made to the department board. The course includes at least three examination opportunities per academic year the course is offered. For the academic years that the course is not offered, at least one examination opportunity is offered.

f. Students awarded the grade U are given the opportunity to improve their grade to G. The examiner decides on the supplementary assignments to be performed and the pass mark criteria. The supplementary assignments will take place before the next examination opportunity.

Interim

Students may request that the examination be conducted in accordance with this course plan even after it has ceased to be valid. However, this may not take place more than three times over a two-year period after the course was discontinued. Requests must be made to the departmental board. The provision also applies in the case of revisions of the course syllabus and revisions of the required reading.

Misc

This course requires access to computer, web camera and headphones and microphone.

Required reading

The required reading is decided by the department board and published on the course page in the online course catalogue at least 2 months before the start of the course.