

Syllabus

for course at advanced level

Project in Landscape Ecology
Landskapsekologiskt projektarbete

7.5 Higher Education
Credits
7.5 ECTS credits

Course code:	GE8030
Valid from:	Spring 2020
Date of approval:	2019-05-13
Department	Department of Physical Geography
Main field:	Physical Geography and Quaternary Geology
Specialisation:	A1F - Second cycle, has second-cycle course/s as entry requirements

Decision

This syllabus has been approved by the Board of Science at Stockholm University 2019-05-13.

Prerequisites and special admittance requirements

Admission to the course requires knowledge equivalent to Landscape Ecology - Theory and Design, 15 ECTS credits (GE7081). Also required is knowledge equivalent to Swedish upper secondary school course English 6.

Course structure

Examination code	Name	Higher Education Credits
HELA	Project in Landscape Ecology	7.5

Course content

The course focus on planning and implementing a landscape ecological project. The research questions include both temporal and spatial perspectives and landscape ecological theory. The aim with the project is to investigate how landscape structure and dynamics affect ecological processes, ecosystems, plant or animal occurrences. The course includes several experimental designs for collecting data and how these can be analyzed depending on the question at hand. Particular focus is placed on conservation issues that include both spatial and temporal processes.

Learning outcomes

Upon completion of the course, students are expected to be able to:

- understand how and experimental design is linked with different landscape ecological theories
- to design a landscape ecological experiment based on a research question
- apply landscape ecological theories and methods to investigate species occurrence at landscape scales
- to constructively criticise a landscape ecological project.

Education

Instruction consists of lectures, seminars and project work.

Participation in seminars, project work and any associated integrated instruction is compulsory. In the event of special circumstances, the examiner may, after consultation with the teacher concerned, grant a student exemption from the obligation to participate in certain compulsory instruction.

Instructions are in English.

Forms of examination

- a. The course is examined as follows: Knowledge assessment takes the form of
- written examination and oral presentations of assignments
 - written examination and oral presentations of project work

Examination is in English.

- b. Grades will be set according to a seven-point scale related to the learning objectives of the course:

A = Excellent

B = Very good

C = Good

D = Satisfactory

E = Adequate

Fx = Fail, some additional work required

F = Fail, much additional work required

- c. The grading criteria will be distributed at the beginning of the course.

- d. In order to pass the course, students must receive a passing grade on all course and participate in all mandatory instruction.

- 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 two examination opportunities per year when the course is given. At least one examination opportunity will be offered during a year when the course is not given.

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

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 course instruction has ended. Requests must be made to the departmental board. The provision also applies in the case of revisions to the course plan and the revisions of the course literature.

Limitations

The course may not be included in examinations in combination with courses Landscape Ecology, Advanced Course (BI3850), Landscape Ecology I (BL7001) Landscape Ecology II (BL8003), Landscape Ecology - Theory and Design (GE7047) or equivalent.

Misc

The course is part of Master's Programme in Landscape Ecology but can also be read as a separate course.

Required reading

The course literature is decided by the department board and published on the Department of Physical Geography's website at least two months before the start of the course.