

Syllabus

BI1194.1 Forest Vegetation Ecology, 7.5 credits

Forest Vegetation Ecology

The course is given Forest Science - Master's Programme, Forestry Programme (professional degree - admission before 1 July 2007) and Environmental Monitoring and Assessment - Master's Programme and as course independent of study programme

Syllabus discontinued 23 May 2022

Version 1 in Slukurs. Corresponds to version 1 and 2 in Ladok

Syllabus approved

19 October 2011

The version applies to students admitted from spring 2013

The version is not a module version

Subjects

Biology/Forest Management

Education cycle

Second cycle

Modules

| Title | Code | Credits |
|---------------|-------------|----------------|
| Single module | 0101 | 7.5 |

Advanced study in the main field

Second cycle, has only first-cycle course/s as entry requirements (A1N)

Grading scale

5:Pass with Distinction, 4:Pass with Credit, 3:Pass, U:Fail

The requirements for attaining different grades are described in the course assessment criteria which are contained in a supplement to the course syllabus. Current information on assessment criteria shall be made available at the start of the course.

Language

English

Prior knowledge

The equivalent of 120 credits including 90 credits Forest Science or Biology including 15 credits Ecology (G2F) and English language proficiency demonstrated as:

- English B (Swedish secondary school) or equivalent.

Grade requirement: A minimum grade of Pass in the course above.

Objectives

The overall aim of the course is to give the student an in-depth understanding of factors in the past and present that control the structure, functioning and dynamics of plant communities, with the emphasis on the boreal forest ecosystem. After the course the student should:

- describe how climate, disturbance regimes and human impact control long-term vegetation changes
- explain and discuss how ecological processes, such as disturbance and biotic interactions, especially plant-plant interactions, shape plant communities
- clarify the role of biodiversity for ecosystem functioning
- analyze and evaluate scientific literature
- apply a scientific way of writing and orally present data

Content

The course is divided into two parts: vegetation history and human impact, and ecological processes. The course is based on lectures and literature seminars that will give a broad knowledge together with a more focused studie (individually or in group) of actual issues and important topics in current research. Training in scientific writing, literature discussion and oral presentation are important parts

of the course. Much effort is put on reflection, analysis and evaluation of scientific literature.

Implementation

Scheduled activities

Lectures

approx. 35 Hours

Exercises

approx. 5 Hours

Literature seminars

approx. 5 Hours

Compulsory

Examination (presentations)

approx. 15 Hours

Group activities, not scheduled

Individual / group assignment

approx. 70 Hours

Individual studies, not scheduled

Literature studies

approx. 70 Hours

Total

approx. 200 Hours

Formats and requirements for examination

Approved written and oral reports and participation in compulsory parts of the course.

- If the student fails a test, the examiner may give the student a supplementary assignment, provided this is possible and there is reason to do so.
- If the student has been granted special educational support because of a disability, the examiner has the right to offer the student an adapted test, or provide an alternative assessment.

- If changes are made to this course syllabus, or if the course is closed, SLU shall decide on transitional rules for examination of students admitted under this syllabus but who have not yet passed the course.
- For the examination of a degree project (independent project), the examiner may also allow the student to add supplemental information after the deadline. For more information on this, please refer to the regulations for education at Bachelor's and Master's level.

Transitional regulations

The course was discontinued on May 23, 2022 (SLU.sfak.2022.3.1.1-82). Registered students that have not yet passed the course have the opportunity to do so within two years of the decision to discontinue the course. The department responsible for the course will during the two year phase-out period offer at least three retake sessions (renewed exams) and at least one opportunity to take part in compulsory elements.

Students that wish to take an exam and/or take part in compulsory elements are asked to contact deputy head of department responsible for undergraduate education (or equivalent) at the responsible department to report that they wish to take an exam and/or take part in compulsory elements and to obtain information on when and where.

Additional information

The ability of the student to understand and draw conclusions based on scientific literature in discussions, oral presentations and writing as well as participation in different practicals is the basis for examination. The student's performance in writing exercises, different forms of literature seminars, student presentations and the individual/group study will be evaluated.

- The right to take part in teaching and/or supervision only applies to the course date to which the student has been admitted and registered on.
- If there are special reasons, the student may take part in course components that require compulsory attendance at a later date. For more information on this, please refer to the regulations for education at Bachelor's and Master's level.

Responsible department

Department of Forest Ecology and Management

Supplementary Information

Finalized by: Grundutbildningsnämnden, Fakulteten för skogsvetenskap

Biology Area: Ecology

Replacement course: BI4291, BI0978