

Syllabus

BI0971.1 Botany, 4.0 credits

Botanik

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

Syllabus approved

2 June 2008

The version applies to students admitted from spring 2008 to autumn 2012

The version is not a module version

Subjects

Biology/Forest science

Education cycle

First cycle

Modules

Title	Code	Credits
Single module	0101	4.0

Advanced study in the main field

First cycle, has only upper-secondary level entry requirements (G1N)

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

Swedish

Prior knowledge

Admitted to the MSc in Forestry programme.

Objectives

The course's overall objective is to give fundamental knowledge about common Swedish vegetation types and plant societies, their most common species and their ecology. After undergone course, the student should:

- be able to briefly describe systematics, morphology and reproductive biology of main plant groups
- to recognize more important Swedish vegetation types and plant societies and to be aware of their origin and distinctive features
- to recognize and be able to name common species in these vegetation types and plant societies, and more important distinctive features in these species' ecology
- understand how these vegetation types and plant societies are influenced by changed land use and natural succession

Content

The course comprises a spring part (1,5 ECTS) and an autumn part (2,5 ECTS). The spring part runs in the beginning of June and has a special objective of giving the students tools and competences for continued studies in botany on their own during the summer. In lectures we introduce the basis of plants' systematics and scientific nomenclature of plants, in exercises and during excursions the students are trained to recognize morphological characters and distinctive features of plants and to examine a plant following a key. During excursions we also present more important Swedish vegetation types and their ingoing plant species. The students may also buy equipment for plant pressing and gets instructions in this matter so that they during the summer collect plants to their personal herbarium. The autumn part is started in the beginning of August and is run parallel with the ecology education during the course Ecology, Biodiversity and Forest Management. During the first week, the students work in different biotopes with the group projects, where a part of the task during the presentations are to teach other students to recognize the plant species characteristic of that biotope. After approximately one week's studies a field examination of certain plant species is held. Botanic elements and demonstrations will also occur during certain excursions during the journey

through northern Sweden, that also is included in the course Ecology, Biodiversity and Forest Management and the students are supposed to continue to collect plants to their personal herbarium during this entire course. The herbarium is a part of the examination of the botany course and will be submitted for approval at the end of the course Ecology, Biodiversity and Forest Management.

Implementation

Timetabled activities:

Lectures ca. 5 h

Excursions ca. 20 h (mandatory)

Exercises ca. 15 h (mandatory)

Supervision and oral presentations of group work ca. 15 h (mandatory)

Examination and evaluation ca. 5 h

projectwork in groups ca. 10 h

Individual studies:

Own studies and work with herbarium ca. 40 h

Total ca. 110 h

Examination

Requirements for examination

Plant species field examination

Oral presentations

Production of a personal herbarium

Spring part:

Participation in mandatory excursions and exercises

Autumn part:

Passed field examination, oral presentations and herbarium

- 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.

Additional information

The spring part covers 1,5 ECTS and the autumn part 2,5 ECTS. The autumn part is given during/parallel to the course Ecology, Biodiversity and Forest Management. Parts of the own work with the herbarium are expected to be carried out during the summer between the spring part and the autumn part

- 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: Programkommitté skog och mark

Biology Area: Botany