

Syllabus

BI0711.1 Paleoecology and vegetation history in Southern Scandinavia, 7.5 credits

Paleoekologi och vegetationshistoria i södra Skandinavien

The course is given as course independent of study programme

Syllabus discontinued 27 October 2008

Version 1 in Slukurs. Corresponds to version 1 in Ladok

Syllabus approved

30 November 2006

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

The version is not a module version

Subjects

Biology

Education cycle

Second cycle

Modules

Title	Code	Credits
Single module	0101	7.5

Advanced study in the main field

Grading scale

Pass / Failed

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

The equivalent of: 60 ECTS in Biology

Objectives

After the completed course the student should have

- good knowledge about the forest history in Southern Scandinavia,
- particularly good knowledge about the important species in the region: beech and oak.
- knowledge about the methods in the scientific field, i.e. pollen analysis, macro analysis, charcoal analysis, tree-ring analysis, and historical sources.

Content

The course gives knowledge about south Scandinavian forest history/ paleoecology and the multidisciplinary nature of the methodology involved. Human impact, land-use history, forest dynamics, disturbance history and conservational issues are important themes. Examples are taken from north-western Europe with most focus on southern Sweden and Denmark and on the important species of the region, beech and oak. Short lab exercises and lectures at one or two occasions are provided in the main techniques (pollen/macrofossil analysis, tree ring analysis, and historical archives). A four-day trip to key field sites in is given at the end of the course immediately after the semester. Literature seminars will mainly take place in web-environment.

Implementation

Timetable activities

Lectures ca. 20 hrs

Literature seminars and laboratory work ca. 20 hrs (compulsory)

Field trip ca. 40 hrs (compulsory)

Self-directed studies

Literature studies ca. 120 hrs

Total ca. 200 hrs

Examination

Requirements for examination

Written examination and assignments

Approved written examination and assignments, and participation in compulsory events

- 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

1/4 speed. The course is in English if needed.

- 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 Southern Swedish Forest Research Centre

Supplementary Information

Finalized by: Programkommitté skog och mark

Biology Area: Ecology

Replacement course: BI4281