



## Syllabus

### **BIO671.1 The Linnean World from Today's Perspective, 7.5 credits**

#### **Linnés värld från dagens perspektiv**

The course is given as course independent of study programme

Syllabus discontinued 25 October 2007

Version 1 in Slukurs. Corresponds to version 1 in Ladok

#### **Syllabus approved**

31 August 2006

The version applies to students admitted from autumn 2006 to autumn 2008

The version is not a module version

#### **Subjects**

Biology/History

#### **Education cycle**

First cycle

#### **Modules**

<b>Title</b>	<b>Code</b>	<b>Credits</b>
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 Swedish University Credits (SUC) of which 20 SUC in one of the subjects biology or history alternative 60 SUC in Landscape Architect Programme.

## Objectives

On completion of the course the students will have basic knowledge about Linnaeus as a person and about the circumstances in his time through different aspects. The student will also have good knowledge about SLU-Ultuna's excursion sites.

## Content

About Linnaeus

- Biographical data.
- Linnaeus the scientist and Linnean sexual system, binomial nomenclature and ideas of improvement of agriculture.
- Linnaeus' excursions around Uppsala (Herbationes Upsaliensis).
- The ethno biologist Linnaeus - aspects of use on animals and plants and their importance to economy.
- Linnaeus' gardens.
- The private sphere.
- Linnaeus and the scientific conception of the world in 18th century, the foundation of modern science and the perspective of the history of science and ideas.
- Linnaeus' ethics, religion and conception of the world.
- Linnaeus as a topographical writer. The expeditions.
- The educationalist Linnaeus.
- Hernquist and Skara, live stock keeping including background to veterinary medicine.
- Followers in Sweden.
- The disciples' expeditions around the world.

The landscape of Linnean time

- Farming before the agricultural revolution. Tools and methods.

Excursion sites

- Knowledge about the historical circumstances at the chosen excursion sites.
- Certain knowledge about the species which occurred at the sites in Linnean time and the species occurring today. Knowledge about how the composition of the flora was effected by the grazing and harvest regime of the 18th century.
- Analyzing what is old and new in the landscape through overlapping of historical maps, field studies and observes traces after different historical functions and processes.
- Basic knowledge about guiding.

The course includes exercises about Linnean material and field studies at the actual sites.

### **Implementation**

The course is run part time during the period November 2006 - April 2007. Sections of the course are as follows:

- Period of lectures 1/11 -06 to 2/3 -07, at Ultuna.
- Field visits in Linnean environments 12/3 - 13/4 in Uppland; Hammarby, Danmark, Sävja, the Linnean garden, and possibly other places.
- Excursions and field practise 16/4 - 27/4; Morga, Krusenberg, Rickebasta, Morgalundsskiftet, Hammarby, Funbo-Lövsta, Kungsängen.

Lectures approx. 25 h (50% compulsory)

Exercises approx. 35 h (compulsory)

Field trips approx. 35 h (compulsory)

### **Examination**

#### **Requirements for examination**

Written examination.

Participation in compulsory components. Passed examination.

- 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**

A special course/guide/compendium/book intended for the excursion sites is being produced including historical, biological and other relevant material.

The course is run in evenings and weekends.

- 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 Economics

### **Supplementary Information**

*Finalized by:* Grundutbildningsnämnden, Fakulteten för naturresurser och lantbruksvetenskap

*Biology Area:* Other Biology Courses