Sveriges lantbruksuniversitet
Swedish University of Agricultural Sciences

Syllabus

BI1008.1 Conservation Biology, 7.5 credits

Bevarandebiologi

The course is given as course independent of study programme

Syllabus discontinued 6 August 2009

Version 1 in Slukurs. Corresponds to version 1 in Ladok

Syllabus approved

2 June 2008

The version applies to students admitted from spring 2008 to autumn 2010

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

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

The equivalent of: 120 credits including 90 credits in Biology including a BSc-thesis amd 15 credits in Ecology.

Objectives

This course will build on basic ecological knowledge and give in-depth knowledge within the field of Conservation Biology with specific focus on application to solve critical issues in Swedish forestry.
After finishing the course student should:
- have gained an in-depth knowledge to Conservation Biology as a topic, its different fields, history, etc., and have a very good ability to critically evaluate, discuss and present this knowledge
- have a very good knowledge of how nature considerations are applied in Swedish forestry, the ecological basis for this, the ecological theory applied, and purpose of different considerations, as well as a very good ability to critically evaluate, discuss and present this knowledge
- have an in-depth knowledge how to estimate biodiversity/diversity, design studies within the field of Conservation Biology and gained a good ability to apply and critically evaluate methods, tools and studies within the topic
- have achieved in-depth knowledge of the natural conditions of the boreal forest, e.g. structure, natural disturbance factors, etc., and be able to analyze and present this knowledge
- against the background of natural conditions and ecological theory, be able to analyze, critically evaluate and present how anthropogenic (human) disturbance have affected the forest and the prerequisites for forest organisms, especially animal groups/species, and how this explains the current status of Swedish boreal forests
- have gained specific insight to a specific part of/specific problem within the field of Conservation Biology and be able to, independently, critically evaluate and present this knowledge
- have a very good ability to propose nature considerations in Swedish forestry, provided different prerequisites, as well as gained the capacity to analyze and critically evaluate alternative solutions, and have a high capacity to discuss and motivate these solutions
- have achieved a very high ability to discuss problems within the field of Conservation Biology and be able to present personal standpoints in written and oral form

- have achieved a good ability to search for, acquire, discuss and critically evaluate scientific literature within the field of Conservation Biology

Content

The central theory of the course content is presented in lectures. Students complement these lectures by studies of recommended literature. Students train the ability to analyze, critically evaluate and summaries knowledge in group discussions with specific questions/problems which cover parts of the course material. Besides the recommended literature students are expected to search and read own literature to solve the tasks in group discussions. The results of the group discussions are presented orally and/or in written form. Individual exercises may also occur to cover other parts of the course. During the course students will also perform a project work in which a conservation topic or problem should be presented. The students individually search and acquire relevant literature, as well as compile and critically evaluate the information. The project work is presented both in a written report and orally.

Implementation

Timetabled activities
Lectures ca. 40 hrs
Group-discussions with examination ca. 15 hrs (compulsory)
Supervision and presentation of project work ca. 5 hrs (compulsory)
Examination ca. 5 hrs

Self-directed studies
Individual project work ca. 30 hrs
Literature studies ca. 105 hrs
Total ca. 200 hrs

Examination

Requirements for examination

Written exam, written and oral presentations of assignments and project work.

Approved written exam, written and oral presentations of assignments and project work.

- 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

During any excursions the students pay their own food and there might also be a fee for accommodation. This course is planned in co-ordination with the courses Silviculture for Timber Production and Biodiversity, and Forest Landscape Multiple Use Management, but students can take one course without having taken any of the others. The Conservation biology course contain theoretical theory which is implemented during the course Forest Landscape Multiple Use Management.

- 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 Wildlife, Fish, and Environmental Studies

Supplementary Information

Finalized by: Programkommitté skog och mark
Biology Area: Ecology
Replacement course: BI4257 Bevarandebiologi, 10 p