Sveriges lantbruksuniversitet
Swedish University of Agricultural Sciences

Syllabus

UU0018.1 Conservation and sustainable use of biological diversity (contract education), 24.0 credits

Conservation and sustainable use of biological diversity (uppdragsutbildning)

Version 1 in Slukurs. Corresponds to version 1 in Ladok

Syllabus approved

20 May 2005

The version applies to students admitted from spring 2005 to autumn 2008

The version is not a module version

Subjects

Other Subjects

Education cycle

No specific cycle

Modules

Title	Code	Credits
Single module	0101	24.0

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

English

Prior knowledge

The equivalent of 120 Swedish University Credits (SUC) (or 180 ECTS credits) in one of the subjects biology, agriculture, forestry, nature conservation or equivalent and the course Access, benefit sharing, & intellectual property rights, 7 credits (10.5 ECTS credits).

Objectives

After completion of the course module Conservation and sustainable use of biological diversity the student will:
- understand different approaches to managing and conserving biological diversity in a sustainable way,
- be acquainted with and be able to discuss different conservation and management systems and relate these to the CBD and other international agreements and treaties,
- be familiar with conflict solutions and management by different stakeholders,
- have knowledge of the impact of globalisation on biological diversity,
- have further advanced their ability to use scientific methods and communication techniques.

Content

The course module Conservation and sustainable use of biological diversity will cover the following issues:
- the relation between management and conservation of biological diversity and natural resources, and their respective importance,
- the role of biological diversity for human wellbeing and survival (e.g. food security, health, rural development, and recreation),
- plant genetic resources within agriculture, multiple use and forestry systems,
- the main current forms of management and conservation methods (in situ, ex situ) of biological diversity,
- roles and rights of local communities and indigenous people,
- traditional and conventional sustainable production systems (at local, regional and global level),

- how to find appropriate information, make a critical assessment of it, and communicate it to different fora and in different ways
- prospects and consequences of biotechnology,
- the inter-dependence between wild and domesticated biological diversity,
- international processes and policies of importance for conservation & sustainable use of biological diversity,
- how to monitor management plans (in particular those of their home countries),
- international guidelines on impact assessment with focus on biodiversity,
- the flow of demand and supply between urban and rural areas and its impact on biological diversity,
- the impact of trade on the conservation and sustainable use of biodiversity,
- ways of restoring degraded ecosystems and increase their biological diversity,
- possible future scenarios of the impact of climate change on biodiversity.

Implementation

Lectures about 110 h
Group work/exercise about 50 h (compulsory)
Seminars about 50 h (compulsory)
Field trips/study visits about 180 h (compulsory)
Project work equivalent to 40 hours of work (compulsory)

Examination

Requirements for examination

Presentation of compulsory course components. The course will be examined through written and oral presentations.

Approved written and oral presentations and participation in compulsory components.

- 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 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

Swedish Biodiversity Centre

Supplementary Information

Finalized by: Grundutbildningsnämnden, Fakulteten för naturresurser och lantbruksvetenskap