



Syllabus

BI9014.1 Tropical biology, 6.0 credits

Tropisk biologi

Version 1 in Slukurs. Corresponds to version 1 in Ladok

Syllabus approved

1 December 1999

The version applies to students admitted from spring 2001 to autumn 2003

The version is not a module version

Subjects

Biology

Education cycle

No specific cycle

Modules

Title	Code	Credits
Single module	0101	6.0

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

BSc or equivalent university degree in natural sciences.

Objectives

Taxonomic keys and morphological characters of tropical plant families. Principles of ex situ conservation. Review of invasive species ecology and specific problems that occur in places like Hawaii where invasive species may cause extinction of native, endemic species. Acquire knowledge about possibilities and pitfalls in conservation of endangered species in isolated ecosystems. Acquire knowledge about research methods in ethnobotany. Gain a deeper insight into plant reproductive ecology and its significance for colonisation, extinction and specialisation, especially in isolated areas.

Content

National Tropical Botanical Garden: Training in using taxonomic keys for identifying 50 tropical plant families. Projects on conservation of endangered plants and animals. Invasive species ecology and eradication techniques. Research methods on how to document traditional use and dependence of biodiversity by man, especially food, clothing, construction, tools, music instruments and medicine. Techniques for ex situ conservation of plants.

San Diego Zoo: Techniques for ex situ conservation of animals.

Implementation

Lectures, seminars and oral/written presentations by participants.

Examination

Requirements for examination

Essays.

Approved essay.

- 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: Rektor

Biology Area: Other Biology Courses