



Syllabus

BI0692.1 Environmental monitoring and assessment B, 15.0 credits

Miljöanalys B

The course is given as course independent of study programme

Syllabus discontinued 23 October 2008

Version 1 in Slukurs. Corresponds to version 1 in Ladok

Syllabus approved

30 November 2006

The version applies to students admitted from autumn 2007 to autumn 2009

The version is not a module version

Subjects

Biology/Soil science

Education cycle

First cycle

Modules

| Title | Code | Credits |
|---------------|-------------|----------------|
| Single module | 0101 | 15.0 |

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

Swedish

Prior knowledge

Introduction to environmental monitoring and assessment 15 ECTS and Biology 20 SUC or Soil Science 20 SUC or equivalent knowledge.

Objectives

Participants shall after the course be able to use different tools for environmental monitoring. Tools are statistical methods, sampling and inventory methods, prognoses models and laboratory analysis.

Content

The main emphasis will be on application of tools for environmental monitoring, including statistical methods, laboratory analysis as well as sampling and inventory methods. The applications are analysed as case studies concerning methods as well as statistical and other considerations on extent, geographical delimitations and selected objects. Connections to users/decision makers and background of the monitoring are also done. Since several monitoring programmes are studying symptoms and their changes, the underlying factors will be analysed and discussed. The case studies will cover programmes on forest, soil and water.

Implementation

Lectures 60 hours

Field excursions 8

Seminars 40

Group work 120

Examination**Requirements for examination**

Written examination, group work and seminars

Approved test, group work and seminars

- 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

Department of Forest Resource Management

Supplementary Information

Finalized by: Programkommitté skog och mark

Biology Area: Other Biology Courses

Replacement course: BI0632