

## Syllabus

**EX0178.1 Master thesis in Soil Science at the dept of Forest Ecology and Silviculture, 30.0 credits**

**Examensarbete i Markvetenskap vid Inst för skogens ekologi och skötsel**

The course is given as course independent of study programme

Syllabus discontinued 23 May 2022

Version 1 in Slukurs. Corresponds to version 1, 2, 3, 4, 5, 6, 7 and 8 in Ladok

## Syllabus approved

27 May 2010

The version applies to students admitted from autumn 2009

The version is not a module version

## Subjects

Soil science

## Education cycle

Second cycle

## Modules

Title	Code	Credits
Single module	0101	30.0

## Advanced study in the main field

Second cycle, contains degree project for Master of Arts/Master of Science (120 credits) (A2E)

## **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**

English

## **Prior knowledge**

The equivalent of: Degree of BSc in Biology and at least 30 credits in Soil sciences at advanced level and English language proficiency demonstrated as:

- English B (Swedish secondary school) or equivalent.

Grade requirement: A minimum grade of Pass in the course above. Special demands for special thesis may occur.

## **Objectives**

The student shall after completion of the thesis be able to:

- use previously acquired knowledge in order to independently and individually solve an assignment at advanced level
- identify a scientific problem, choose a suitable problem solving method, and collect relevant data
- search and collect literature or other information needed to put the work in a scientific context
- analyse and discuss collected data on a scientific basis
- write a report where the study is presented in a correct, interesting and linguistically good way
- orally present the study at a seminar

## **Content**

To fulfil the learning outcomes, the student shall based on previously acquired knowledge and in collaboration with the supervisor identify a for the subject suitable problem. The student work independently with support from the supervisor. The student has access to library, computers and other special equipment that might be needed to solve the problem. The student shall report the work in paper that

is graded based on introduction to the problem, problem formulation, description of material and methods, data processing, conclusions, use of literature, linguistic usage, and extent of irrelevant text.

## **Implementation**

### **Scheduled activities**

Presentation of literature search

approx. 3 Hours

Compulsory

Report seminar

approx. 2 Hours

Compulsory

### **Individual studies, not scheduled**

Literature search

approx. 80 Hours

Compulsory

Planning and data acquisition

approx. 240 Hours

Compulsory

Compilation and analyses of data report writing

approx. 440 Hours

Compulsory

Preparing report seminar and publishing

approx. 35 Hours

Compulsory

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## **Total**

**approx. 800 Hours**

## **Formats and requirements for examination**

1. Conduct a literature search within the scientific area in question
  2. Give an oral presentation of the results at a seminar, with an audience familiar with the scientific area.
  3. Write a scientific report which should be electronically published in EPSILON Approved demands according to above. The examiner approves the thesis when it fulfils the scientific and reporting requirements.
- 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.

## **Transitional regulations**

The course was discontinued on May 23, 2022 (SLU.sfak.2022.3.1.1-82). Registered students that have not yet passed the course have the opportunity to do so within two years of the decision to discontinue the course. The department responsible for the course will during the two year phase-out period offer at least three retake sessions (renewed exams) and at least one opportunity to take part in compulsory elements.

Students that wish to take an exam and/or take part in compulsory elements are asked to contact deputy head of department responsible for undergraduate education (or equivalent) at the responsible department to report that they wish to take an exam and/or take part in compulsory elements and to obtain information on when and where.

## **Additional information**

The main part of the literature consists of scientific papers that the student independently finds and in cooperation with the supervisor judge as relevant to the

project chosen. Other course literature is determined by the responsible teacher. More detailed information about master thesis is to be found in the report "Instruktion för Examensarbete vid Fakulteten för skogsvetenskap, SLU".

The Master thesis may start when the WORK PLAN is established and acknowledged.

The course has been replaced by EX0961

- 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 Ecology and Management

### **Supplementary Information**

*Finalized by:* Vice dekan S-fak