



Course syllabus

Faculty of Technology

Department of Forestry and Wood Technology

1TS133 Skogsskötsel, 7,5 högskolepoäng

1TS133 Silviculture, 7.5 credits

Main field of study

Forest and Wood Engineering

Subject Group

Forest Science

Level of classification

First Level

Progression

G1F

Date of Ratification

Approved by Faculty of Technology 2022-12-19

The course syllabus is valid from autumn semester 2023

Prerequisites

Basic eligibility and knowledge equivalent to either the courses Forestry-basic course, 15 credits and Sustainable small-scale forestry I and II, 15 credits or Forest Management for Biologists, 7,5 credits.

Objectives

The student should after the course, with starting points in the forest company's financial goals and desires for a sustainable use, be able to choose forest management practices on a forest estate. The focus is on the choice of regeneration and management activities in coniferous, deciduous and mixed forests and to be able to do risk assessment from the relationship between management practices and forest damages. Students should also have knowledge about suitable scientific methods and recent findings within the forest sciences and basic understanding about the scientific base for how different forest management practices influence the future development of different forest stands.

Content

- Regeneration
- Deciduous forest, mixed forest
- Nutritional issues, fertilization

- Pre commercial thinning and thinning
- Forest production, wood quality
- Forest damage
- Alternative forest management practices

Type of Instruction

The course is distributed as distance learning, including both ICT and physical meetings. The meetings may consist of lectures, guest lectures, laboratory exercises, field trips, excursions and seminars.

Examination

The course is assessed with the grades U, 3, 4 or 5.

The assessment of student performances is made through assignments, presentation of projects and exams. The examination can be both written and oral.

Repeat examination is offered in accordance with Local regulations for courses and examination at the first and second-cycle level at Linnaeus University. If the university has decided that a student is entitled to special pedagogical support due to a disability, the examiner has the right to give a customised exam or to have the student conduct the exam in an alternative way.

Course Evaluation

During the implementation of the course or in close conjunction with the course, a course evaluation is to be carried out. Results and analysis of the course evaluation are to be promptly presented as feedback to the students who have completed the course. Students who participate during the next course instance receive feedback at the start of the course. The course evaluation is to be carried out anonymously.

Credit Overlap

The course cannot be included in a degree along with the following course/courses of which the content fully, or partly, corresponds to the content of this course: Sustainable small-scale forestry, continuation course, Sustainable small-scale forestry continuation course part A, Silviculture.

Required Reading and Additional Study Material

Required reading

Material provided in connection with the lectures.

Compendium in Forest Management, produced at the Department of Forestry and Wood Technology, approx. 900 pages.