



## Course syllabus

Faculty Board of Science and Engineering  
School of Engineering

2TS013 Hållbart familjeskogsbruk – Lövskog, 30 högskolepoäng  
Sustainable small-scale forestry, Broadleaved forest management, 30 credits

**Main field of study**

Forest and Wood Engineering

**Subject Group**

Forest Science

**Level of classification**

First Level

**Progression**

G2F

**Date of Ratification**

Approved by Organisational Committee 2009-12-15

The course syllabus is valid from autumn semester 2010

**Prerequisites**

Sustainable Small-Scale Forestry continuation course or Sustainable Small-Scale Forestry continuation course part A + Sustainable Small-Scale Forestry continuation course part B

### Expected learning outcomes

After completing the course the student is expected to be able to perform an analysis of the possibilities of a forest property for hardwood production by being acquainted with the most common management principles for Swedish deciduous trees with regard to timber production and re-creation, be familiar with and find information on the geographical, assortment and price market for hardwood timber, as well as being familiar with competing production areas.

### Content

The course comprises the following elements:

- High-grade deciduous trees, the uses of hardwood timber
- Geographical extension and growing stock
- Forest sites
- Biology, flowering, shoot growth, development
- Frost resistance
- Growth
- Stand management

- Timber quality
- Timber use
- Causes of damage, predators
- Assortments
- Industry localization, production, assortment
- The uses of different woods
- Hardwood timber in other parts of the world
- An individual project

## Type of Instruction

The course is distributed as distance education with the support of ICT, the Internet and meetings. The meetings may include lectures, guest lectures, exercises, study visits, excursions and seminars.

## Examination

The course is assessed with the grades U,3,4 or 5. The assessment of student performances may take the form of written assignments, project work presentations and examinations. The examination can be both written and oral.

## Course Evaluation

A written course evaluation will be carried out at the end of the course in accordance with the guidelines of the University. The course evaluation will be filed at the department.

## Other

Some course elements may entail costs defrayed by the course participant.

## Required Reading and Additional Study Material

### Required reading

Skogsstyrelsen, *Björk, Asp och Al - Föryngring, skötsel och naturvård*, Skogsstyrelsens förlag, 2006. 76 pages.

Skogsstyrelsen, *Våra ädla lövträd*, Skogsstyrelsens förlag, 2003. 319 pages.

Almgren, G, *Lövskog, björk, asp och al i skogsbruk och naturvård*, Skogsstyrelsens förlag, 1990. 260 pages.

Material supplied by the department

Compendium

Films