



Course syllabus

Faculty Board of Science and Engineering
School of Engineering

1TS012 Hållbart familjeskogsbruk, fortsättningskurs, 30
högskolepoäng

Sustainable small-scale forestry, continuation course, 30 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 the Board of the School of Engineering 2009-12-15

Revised 2011-06-13. Review of contents and Literature.

The course syllabus is valid from autumn semester 2011

Prerequisites

Sustainable Small-Scale Forestry, basic course or Sustainable Small-Scale Forestry, basic course part A + Sustainable Small-Scale Forestry, basic course part B or the equivalent.

Expected learning outcomes

After completing the course the student is expected, on the basis of the economic goals of a forest enterprise and the desire for sustainable forestry, to be able to choose forest management methods on a forest property. The focus is on the choice of regeneration and measures for tending coniferous, deciduous and mixed forest stands. The student is expected to be able to make a risk assessment on the basis of the connection between different management methods and the main causes of damage to forests. The student is to be able to manage a forestry plan, be familiar with the various steps of forestry planning and perform a simple land valuation, economic analyses and basic accounting for a typical private holding. Other aims include enabling the student to describe the main features and prognoses for current world trade involving forest products and various regional conditions for forest product trade and utilization. With the help of the course material the student is to be able to make an individual overview identification of the possibilities and difficulties on a market

for an enterprise within the forest/wood/mass/paper industry. The student is expected to make a survey of the Swedish manufacturing industry and sketch its scenario for the future. The student is also to be familiar with how the revenues of a forest industry can increase by means of alternative methods.

Content

- Forest management
- Small-scale forestry planning
- Forest products and markets
- New business opportunities

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.

Credit Overlap

Sustainable Small-Scale Forestry, continuation course part A TS9022/TSB901,
Sustainable Small-Scale Forestry,
continuation course part B TS9032/TSB903,
Sustainable Small-Scale Forestry, continuation course TSB901

Other

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

Required Reading and Additional Study Material

Required reading

Compendiums

Film

Material supplied by the department