



Course syllabus

Faculty Board of Science and Engineering
School of Engineering

4TS006 Skogsnäringens virkesanvändning, 7,5 högskolepoäng
Wood utilisation in the forest and wood value chain, 7.5 credits

Main field of study

Forest and Wood Engineering

Subject Group

Forest Science

Level of classification

Second Level

Progression

A1N

Date of Ratification

Approved by the Board of the School of Engineering 2011-06-13

The course syllabus is valid from spring semester 2012

Prerequisites

Technical degree equivalent to 180 higher education credits. In addition to this, students are also required to have read Forest industry markets (2TS033), or the equivalent, and Wood as an engineering material (1TS014), or the equivalent.

Objectives

After completing the course students are expected to:

- be able to understand, problematize, and discuss structural differences within forestry industry clusters on a regional, national and global level
- be able to understand, problematize, and discuss wood utilisation on a regional, national and global level
- have acquired sufficient knowledge of commercial flows of forestry industry products
- be able to give an account of differences in production conditions and explain how these differences influence the product spectrum of forestry industry products on a regional, national and global level

Content

The course contains the following main components:

- Forestry industry clusters on a regional, national and global level, from a Swedish perspective
- Industry structure, raw material conditions, product spectrum, socioeconomic

impact, levels of employment, and environmental aspects of forestry industry clusters

- Trade with forestry industry products, commercial flows (supply and demand) and influencing factors (fluctuations in the state of the market, trade barriers, institutional aspects, etc.) on a regional, national and global level
- In-depth analysis of the market of a particular country (case study) regarding factors affecting consumption, import and export of forestry industry products, as well as prognosis methods
- How to tackle future challenges? The forestry industry company in a competitive market – a concept for managing market information.

Type of Instruction

Teaching will take place on campus, alternatively in distance format, through the use of Internet and ICT technology. The course will also comprise get-togethers. Some get-togethers may be mandatory; this will be stated well in advance. The get-togethers may consist of excursions, lectures, exercises, laboratory work, educational visits, and seminars.

Examination

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

Examination forms that may occur are written examination, oral presentation, individual work and other written assignments. For students who fail to earn a Pass grade at the first examination opportunity, a maximum of four additional opportunities will be provided, the first one within six weeks of the original examination.

Course Evaluation

At the end of the course, a written course evaluation is performed and compiled into a report. The evaluation report is available to students and filed and stored according to departmental regulations.

Other

Certain elements on the course may result in expenses; these are paid for by the course participant.

Required Reading and Additional Study Material

Referenslitteratur: Juslin, H & Hansen, E., Strategic Marketing in the Global Forest Industries. Academic Press, ISBN 0-9703333-7-4, 2003, 610 sidor.