



SLUkurs

Syllabus

PFS0058 Strategies for sustainable forest management (SFM), 7.5 credits

Syllabus approved

2010-03-02

Subjects

Forest Management

Education cycle

Third cycle

Grading scale

Pass / Failed

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

PhD students that wants a deeper understanding on what sustainable forest management (SFM) is and how it affects the strategic management of different forest organizations and companies at present and the requirements SFM could put on future strategies.

Objective, including learning outcomes

After the course the student will

- have basic knowledge of strategic management,
- have a broad understanding on how SFM is understood today and about which criteria and indicators that lies behind today's management decisions
- know how strategies for SFM are implemented in Swedish forest companies and organizations, and
- be able to suggest new criteria and indicators and translate those into strategies that are in line with missions of different forest companies and organizations.

Content

SFM will challenge current strategies of companies and organizations that are active in the forest sector. Depending on how different actors – such as Swedish society (represented by governmental actors, e.g. Swedish Forest Agency and SLU), farmers of forest land (represented by Federation of Swedish Farmers), forest companies (represented by e.g. Sveaskog, SCA and Holmen) – meet environmental goals and land use requests in the long term, the forest sector may gain as well as loose positions.

The course is based on two theoretical frameworks: (i) strategic management and (ii) criteria and indicators (C&I). The students will work with case studies related to the categories mentioned above where these concepts are applied. The course will go through the following phases:

1. Lectures: Strategic management and development of a tool for analysis of strategic management (presence required in Umeå).
2. Initial project work: Summarize the C&I used today in Sweden based on national laws and international/national agreements as well as (host) organizational targets. This part should preferably be made before the BC tour.
3. Define potential new C&I and suggest improved silvicultural systems that could be especially important to fulfill the goals. Specify in what way different ecosystem services could be obtained by applying certain silvicultural measures. This part should be made during the BC tour.
4. Describe current and suggest new strategies for SFM in the (host) organization/company. Each SFM case study will be presented at a seminar. This final part is made after the BC tour, during week 42-43.

- Week 39: Umeå
- Week 40-41: BC tour
- Week 42-43: At home university and/or at host organization, as required. Presentation over the net or as video conference

Lectures ca 50
Project work 50
Field work ca 100

Requirements for examination

Written or oral exam on the literature and approved written project work.

Additional information

: The course is given by an Environmental Certified Department (ISO 14001)
BC=British Columbia

Responsible department

Department of Forest Resource Management