



Sveriges lantbruksuniversitet
Swedish University of Agricultural Sciences

SLUkurs

Syllabus

PFS0142 Swedish Forest Management, 3.0 credits

Syllabus approved

2017-03-23

Subjects

Forest Management/Landscape Planning

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

Enrolled in a qualifying PhD program.

Objective, including learning outcomes

To provide PhD students, mainly those without a background in Forestry, an overview of how and why Swedish forests are managed.

Content

1. Students will understand how Swedish Forest were "managed" prior to the Swedish Forestry Act.
2. Students will learn key silvicultural systems and forest management decision tools that shape modern day forestry. These will include various aspects of silviculture (i.e. stand-level management) such as forest regeneration, pre-commercial thinning, and contrasting harvesting systems. It will also cover aspects of forest management planning (i.e. deciding which stands are designated a particular silvicultural system).
3. Student will learn some key market outlets for harvested biomass.
4. Students will learn what future obstacles are anticipated in forestry (i.e. both social and climate), and how Swedish forestry may adapt to those obstacles.

Requirements for examination

Each student will be required to attend all lectures, participate in discussion, and give their own presentation.

Additional information

The course will consist of a literature component, a lecture component, and a presentation. For the literature component, each course instructor will provide a key manuscript in their subject area the students will be required to read. For the Lecture component, we have organized a range of speakers working or researching in the field of Swedish Forest Management (See schedule below). For the presentation component, each student will be required to give a succinct (4 minute) presentation of their work as it relates to Swedish forestry, and then answer questions from the audience.

The first week of the course is intended for students to individually read course material on their own. The second week of the course (May 15 -19) will meet in Umeå for course lectures, student presentations, and a field trip (Friday May 19).

To Apply for the course, send a 1 page maximum letter to michael.gundale@slu.se in English describing: a) your research focus, and b) why you want to take the course.

Responsible department

Department of Forest Ecology and Management