



Sveriges lantbruksuniversitet
Swedish University of Agricultural Sciences

SLUkurs

Syllabus

PFS00g1 Forest restoration in theory and practice, 3.0 credits

Syllabus approved

2012-09-10

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

The participants should be admitted as PhD or Licentiate student in a relevant subject.

Objective, including learning outcomes

The course Forest Restoration in Theory and in Practice will offer an introduction to the theoretical approaches and practical applications of boreal, temperate

and tropical forest restoration. The purpose of the course is to provide a deeper knowledge of different restoration approaches and what factors are determining the success of restoration measures. Specifically the course is intended to: familiarize the participants with the rationales, concepts and perspectives of restoration and describe and analyze different approaches of restoration of forest ecosystems. It will also give them an insight into research opportunities in disturbed forest ecosystem and to explore the challenges of restoration in light of carbon offset proposals.

Content

The course will comprise two modules Forest Restoration in Theory and Forest Restoration in Practice. The theoretical part will consist of lectures, literature studies and group discussion. The practical phase will consist of field excursion on restoration sites, lectures from invited speakers and project work where each participant will present their own project and criticize others work within the context of forest restoration.

Requirements for examination

Examination will be based on attendance, active participation in discussions, accomplishment of exercises, as well as the implementation and quality of the individual oral presentations. All elements must be passed to obtain 3 ECTS.

Additional information

Prof. Frank Götmark, GU (Sweden); Prof. Douglass Jacobs, Purdue University (USA); Prof. Timo Kuuluvainen, HU (Finland); The teachers are: Prof. Magnus Löf, SLU (Sweden); Dr Palle Madsen, KU (Denmark); Prof. Anders Malmer, SLU (Sweden); Prof. Per Christer Oden, SLU (Sweden); Dr John Stanturf, USDA-FS (USA) and Assoc. prof. Johanna Witzell, SLU (Sweden).

The course is supported by the research school of "Sustainable Management and Utilization of Forests" (www.phd-forestry.se)

Responsible department

Department of Southern Swedish Forest Research Centre