



SLUkurs

Syllabus

PFG0018 Forest history - methods and new applications, 7.5 credits

Syllabus approved

2006-06-19

Subjects

Biology

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 course is open to all PhD students interested in forest history methods and their scientific applications. The number of participants is limited and the applicants will be selected on the basis on merit and relevance of their research interest.

Objective, including learning outcomes

The course will give comprehensive coverage on topics relevant to forest history methods and new scientific applications. After the course, each student should

have acquired a deeper understanding of the different methods presented, know when a certain method could be used, be able to critically analyse scientific results provided by the use of different methods, and know how to apply the different methods in their own research.

Content

The course will run over 5 weeks. The first two weeks includes individual student work through reading and preparation of a short presentation of own PhD-research. Thereafter two weeks in Umeå will follow, 6-17 November, including lectures, discussions, student research presentations and one field excursion. The teachers are specially selected forest history researchers from Sweden and Switzerland and have a long experience of one or several of the methods presented during the course. The last two weeks of the course includes an individual student work within a freely selected forest history topic that should be handed in as a short written report.

Requirements for examination

Oral presentations, discussions and one written report.

Additional information

Teachers: Mathias Burgi (Swiss Federal Institute, Swizerland – forest history records), Björn Gunnarsson (Stockholms Universitet - dendrochronology), Matts Lindbladh (SLU, Alnarp – pollen analysis) och Göran Possnert (Ångströmlaboratoriet, Uppsala, ¹⁴C-dating), Lars Östlund & Greger Hörnberg (SLU, Umeå). For your application please prepare a brief CV and a brief statement of maximum 200 words outlining your PhD research topic, and a few sentences why you think this course would be beneficial to you. Application and inquiries should be sent to Lars Östlund and Greger Hörnberg by e-mail no later than 9 October, 2006.

Responsible department

Department of Forest Ecology and Management