

SLUkurs

Syllabus

PFS0095 Basic sampling theory with applications, 4.0 credits

Syllabus approved

2013-03-05

Subjects

Mathematic Statistics

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

Adopted as a PhD-student with a general background in statistics.

Objective, including learning outcomes

After examination the student will have acquired basic knowledge in sampling theory and important applications from forest inventory and ecological surveys.

This includes techniques such as sample plot inventory, relascope sampling and intersect based methods.

Content

A mix of individual preparatory studies, lectures and exercises.

Basic sampling theory (2.5 HEC) and applications (1.5 HEC)

The course will include both lectures covering the theory and exercises for applying theory in practice.

Requirements for examination

Home examination

Additional information**Responsible department**

Department of Forest Resource Management