

SLUkurs

Syllabus

PFS0022 Advanced Natural Resources Sampling, 7.5 credits

Syllabus approved

2006-10-05

Subjects

Statistics, Computer Science and Systems Science

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

Basic courses in mathematical statistics (corresponding to 30 ECTS) and introductory course in sampling theory is recommended.

Objective, including learning outcomes

The objective of the course is to provide the participants with good insight and problem solving capability in applying sampling theory for estimating population

characteristics in populations of interest in forestry and natural resource management

Content

Advanced Natural Resources Sampling comprises a short repetition of basic sampling theory, which is then expanded into advanced sampling theory. Like in the basic course a number of applications will be addressed. In addition, the course will be closely linked to ongoing research projects, which will vary over time. The course mainly is a self-study course.

Requirements for examination

Written examination

Additional information

The course is given by an Environmental Certified Department (ISO 14001).

Responsible department

Department of Forest Resource Management