



SLUkurs

Syllabus

PFSoo62 Introduction to the statistical program R, 2.0 credits

Syllabus approved

2010-10-25

Subjects

Economy

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

Good knowledge in english is vital to be able to follow the course

Alternative 1: Doctoral student and MSc och BSc in forestry (or jägmästare) including higher level courses in mathematical statistics and/or forest economics.

Alternative 2: Doctoral student and MSc or BSc in economics, management or business administration including higher level courses in quantitative analysis.

Alternative 3: Doctoral student with other background (such as engineering) including quantitative analysis and some economics and/or management.

Objective, including learning outcomes

R is a free software environment for statistical computing and graphics. The R has been widely used in the academic world and in teaching. This intensive course will focus on the core of R programming language. After the course, the attendee should master the basic knowledge of R language and have the skills in R to conduct statistical analysis. We will not teach statistical methods or analysis, but rather provide hands on practical knowledge. We will provide examples of how to generate basic descriptive statistics, conduct a simple linear regression, etc.

Content

The course includes lectures, computer exercises and final exam. The final course structure and content will depend upon the students' background.

Requirements for examination

Final exam.

Additional information

NOTE: the course will be held if there are at least five (5) students (Master or PhD-candidates). Please contact Camilla Widmark (camilla.widmark@slu.se) for application. Other information is provided by the course-responsible teacher.

Responsible department

Department of Forest Economics