



Sveriges lantbruksuniversitet  
Swedish University of Agricultural Sciences

# SLUkurs

## Syllabus

**PFS0134 Stated preferences (SP) methods I, 2.5 credits**

## Syllabus approved

2016-04-14

## 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

The course is specifically aimed at PhD students within the field of economics. Knowledge in microeconomics and mathematics is assumed. Knowledge of modelling languages is not required. Good knowledge in English is vital to be able to follow the course.

## **Objective, including learning outcomes**

The course will introduce basic tools for the econometric modelling in SP. By the end of the course the participants will have acquired detailed knowledge of and extensive hands-on experience in:

the welfare economics of SP models,

- an introduction to RUM
- a short introduction to Maximum likelihood, - estimating a basic choice model,
- computing welfare measures,
- computing measures of accuracy

## **Content**

The course uses a practical approach to econometric choice models using R. The participants will learn to build standard econometric choice models used both in contingent valuation and in choice experiments. We will also introduce extensions of the basic models, that will be covered in more detail in part II.

## **Requirements for examination**

Attended lectures and hands-on sessions as well as pass a short exam at the end of the course, including completing a number of exercises given at the hands-on sessions

## **Additional information**

The Department reserves the right to cancel the course if there are not more than 5 students who have applied for the course. There is no tuition fee. The student is responsible for any housing and travel costs.

During January 2017, the classes offered during 2017 will be announced. For questions about this, please email [camilla.widmark@slu.se](mailto:camilla.widmark@slu.se).

## **Responsible department**

Department of Forest Economics