



## Course syllabus

School of Business and Economics  
Department of Economics and Statistics

1ST801 Ekonomisk statistik I, 7,5 högskolepoäng  
Business Statistics I, 7.5 credits

### **Main field of study**

Statistics

### **Subject Group**

Statistics

### **Level of classification**

First Level

### **Progression**

GIN

### **Date of Ratification**

Approved 2009-12-18

Revised 2013-10-29 by School of Business and Economics. Reading list revised and standard texts updated.

The course syllabus is valid from spring semester 2014

### **Prerequisites**

General entry requirements and English A, Mathematics C, Civics A. (field-specific entry requirements 4 with exception from English B)

## Objectives

The objective is to gain knowledge how to:

- properly present and describe information
- understand basic probability concepts
- draw conclusions about large populations based only on information obtained from samples
- use a calculator as a means of help for statistical calculations

## Content

The course is divided into three parts:

- descriptive statistics
- basic probability
- sampling and sampling distributions

## Type of Instruction

Teaching consists of lectures and group work.

## Examination

The course is assessed with the grades Fail (U), Pass (G) or Pass with Distinction (VG).

The students are assessed by an individual written exam.

Results are graded using one of the terms Passed with distinction, Pass or Fail, and A-F according to the ECTS scale.

For the grade pass, the objectives have to be reached; the grade is based upon the degree to which the objectives are met. The weighing of the grades to the course grade is following the principles in the document "Principer för betygsrapportering dnr: ELNU 2011/160".

Students who do not achieve a satisfactory result in the examinations are permitted to make a second attempt approximately 5-8 weeks after the normal examination date.

The student will have a minimum of five occasions for written exams in relation to the syllabus to which the student was accepted. Usually 3 occasions per academic year.

### Course Evaluation

A written course evaluation is carried out and compiled in a report, which is archived at the faculty. The results and possible measures taken are communicated by the course coordinator and presented to the students the next time the course is given, or in another way deemed suitable by the course coordinator. Other types of course evaluations, for example regular evaluations throughout the course or discussions with students, will be included and encouraged with the aim of ensuring continuous quality development.

### Required Reading and Additional Study Material

Anderson, Sweeney, Williams, Freeman & Shoesmith. (2010). *Statistics for Business and Economics*. South-Western Cengage Learning. Second edition. 928 pages.