

# Introductory Statistics

Single subject and programme course

7 credits

Statistik A

732G70

Valid from:

**Determined by**  
The Quality Board at the Faculty of Arts  
and Sciences

**Date determined**  
2009-12-04

## Main field of study

Statistics

## Course level

First cycle

## Advancement level

G1X

## Course offered for

- Business and Economics Programme

## Entry requirements

and that the specific entry requirements that apply for admission to the Programme in Business and Economics are satisfied

## Intended learning outcomes

On completion of the course, the student should be able to:

- account for basic statistical inference methods and probability models
- apply statistical methods for analysis of data,
- interpret the results of statistical analyses,
- select and use basic sampling methods,

## Course content

The aim of the course is that the student should acquire an overview of central concepts and points of view in statistics.

The following is studied in the course

- methodology for descriptive statistics,
- probability models of random variables,
- statistical inference with significance testing and interval estimation,
- simple random selection and stratified selection,
- statistical software.

## Teaching and working methods

The teaching takes the form of lectures, teaching sessions, assisted problem solving and computer exercises. The students should also study independently.

## Examination

The course is examined through a written examination.

## Grades

Three-grade scale, U, G, VG

## Other information

Planning and implementation of a course must take its starting point in the wording of the syllabus. The course evaluation included in each course must therefore take up the question how well the course agrees with the syllabus. The course is carried out in such a way that both men's and women's experience and knowledge is made visible and developed.

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## Department

Institutionen för datavetenskap