



## Course syllabus

Faculty of Health and Life Sciences  
Department of Psychology

4PS111 Univariat och multivariat statistik, 7,5 högskolepoäng  
Univariate and multivariate statistics, 7.5 credits

### **Main field of study**

Psychology

### **Subject Group**

Psychology

### **Level of classification**

Second Level

### **Progression**

A1F

### **Date of Ratification**

Approved by Faculty of Health and Life Sciences 2014-09-23  
The course syllabus is valid from autumn semester 2015

### **Prerequisites**

45 credits from SAPS2 or the equivalent.

## Objectives

Upon completion of the course, the student shall:

- thoroughly understand and describe the principles of the General Linear Model (GLM)
- carry out statistical analyses using bivariate t-tests and correlations, multiple regression analyses, logistic regression, different types of between-group and repeated measures ANOVA, and factor analysis, in the SPSS

## Content

- the course treats the methods for statistical analysis based on GLM, described in Objectives.

## Type of Instruction

Instruction is given in lectures, seminars and statistical labs.

## Examination

The course is assessed with the grades A, B, C, D, E, Fx or F.

The grade A constitutes the highest grade on the scale and the remaining grades follow in descending order where the grade E is the lowest grade on the scale that will result in a pass. The grade F means that the student's performance is assessed as fail.

Grade criteria for the A–F scale are communicated to the student through a special document. The student is to be informed about the grade criteria for the course by the start of the course at the latest.

### Course Evaluation

Upon completion of the course, a written course evaluation is carried out. The evaluation is compiled and fed back to the students, and archived according to departmental regulations.

### Other

The course is part of SAPS2 program. Expenses that may occur during the course are paid by the student.

### Required Reading and Additional Study Material

Field, A. (2009). *Discovering statistics using SPSS*. London: SAGE. 600 pages. ISBN: 9781847879073

Robbins, S.P., Judge, T.A., & Vohra, N. (2012). *Organizational behavior (15 ed.)*. New York: Pearson. ISBN: 9789332500334. Selected parts.

Articles according to teacher's instructions.