



**Karolinska  
Institutet**

Course syllabus for

## **Statistics and methodology, 4.5 credits**

Statistik och metod, 4.5 hp

This course syllabus is valid from spring 2022.

Please note that the course syllabus is available in the following versions:

Spring2011 , Spring2017 , Spring2018 , Spring2022

Course code	2PS020
Course name	Statistics and methodology
Credits	4.5 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Psychology
Level	AV - Second cycle
Grading scale	Pass with distinction, Pass, Fail
Department	Department of Clinical Neuroscience
Decided by	Programnämnd 8
Decision date	2010-11-25
Revised by	Education committee CNS
Last revision	2021-10-04
Course syllabus valid from	Spring 2022

## **Specific entry requirements**

Passed results of the Study Programme in Psychology semester 1-6 comprising 180 credits and at least 15 credits from semester 7. The course thus assumes that all credits in statistics and research methods from preceding courses are completed.

## **Objectives**

The aim of the course is for the student to deepen and develop her/his skills in psychological method. On completion of the course, the student should be able to

- with a high degree of independence plan, perform, interpret, and answer issues concerning multivariate analyses
- with a high degree of independence plan, perform, interpret, and answer issues concerning qualitative analyses.

## **Content**

On part 1 of the course knowledge and skills in multivariate statistical analyses (e.g. regression analysis and analysis of variance) are rehearsed/consolidated/deepened.

On part 2 of the course, qualitative methods are treated and the student is given an opportunity to plan, carry out and interpret the results of qualitative analyses.

## Teaching methods

Lectures, laboratory sessions and scientific report writings.

## Examination

The course is examined in the following way:

- a) a written exam on multivariate statistical analysis, is graded U, G or VG
- b) written report regarding multivariate statistical analysis, to be written individually, is graded U, G or VG
- c) written report regarding qualitative method, to be written either individually or in groups, is graded U, G or VG

The entire course is graded U, G or VG.

The grade G on entire course requires at least G on all the three examination assignments mentioned above.

The grade VG on entire course requires VG on at least two of the three examination assignments, and at least G on the remaining third assignment.

Grading criteria for all three examination parts are communicated before the start of the course.

### *Possibility of exception from the course syllabus' regulations on examination*

If there are special grounds, or a need for adaptation for a student with a disability, the examiner may decide to deviate from the syllabus' regulations on the examination form, the number of examination opportunities, the possibility of supplementation or exemptions from the compulsory section/s of the course etc. Content and learning outcomes as well as the level of expected skills, knowledge and attitudes may not be changed, removed or reduced.

## Transitional provisions

If the course is cancelled or goes through substantial changes, information about interim regulations will be stated here.

## Other directives

Course evaluation takes place according to KI's local guidelines. Students are informed of the results and any measures taken on the course website.

## Literature and other teaching aids

*Langemar, Pia*

**Kvalitativ forskningsmetod i psykologi : att låta en värld öppna sig**

1. uppl. : Stockholm : Liber, 2008 - 215 s.

ISBN:978-91-47-09334-2 LIBRIS-ID:10934339

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