

Syllabus

for course at advanced level

SPSS and data management
SPSS och datahantering

3.0 Higher Education
Credits
3.0 ECTS credits

Course code:	PH2400
Valid from:	Spring 2019
Date of approval:	2014-10-28
Changed:	2018-11-26
Department	Department of Public Health Sciences
Main field:	Public Health
Specialisation:	A1N - Second cycle, has only first-cycle course/s as entry requirements

Decision

The syllabus was approved by the board for Centre for Health Equity Studies (CHESS), Stockholm University/Karolinska Institutet 2014-10-28. Latest revised 2018-11-26.

Prerequisites and special admittance requirements

Bachelor's degree (180 ECTS) in Sociology, Psychology, Public Health Sciences, Medicine or similar. English proficiency equivalent to English Course B/English 6.

Course structure

Examination code	Name	Higher Education Credits
T240	SPSS and data management	3

Course content

The purpose of the course is to give a practical introduction to descriptive statistics using SPSS. The course includes an overview of basic functions in SPSS and how these can be used to create, manage, and process quantitative data materials. Additional focus is placed on generating, presenting, and interpreting descriptive statistics as well discussing attrition and non-response. The student will learn both how to navigate the graphical interface, and how to use programming (syntax).

Learning outcomes

At the end of the course the student will be able to:

- Demonstrate understanding of how the SPSS environment is constructed.
- Identify and use the functions in SPSS that are required to create a data-file structure for a new data material as well as to manage and process existing data materials.
- Use SPSS to generate descriptive statistics, including central tendencies, tables, and figures, as well as being able to motivate the choice of description in each case.
- Present and interpret descriptive statistics in writing.
- Show basic abilities to deal with attrition in the data material as well as to discuss the implications of attrition for descriptive statistics.
- Reach a basic understanding of how programming (syntax) in SPSS works.
- Reflect on the scientific process demonstrating competence development in the field of Public Health Sciences.

Education

The teaching will be based on teacher-led seminars in computer classes, where theoretical briefing is accompanied by practical computer exercises. Participation in the seminars is mandatory. In case of absence, the student will be given a compensatory assignment.

The course is given in English.

For more detailed information, see the course description. The course description will be available at least one month before the course starts.

Forms of examination

a) The course will be examined through two individual, written assignments. The assignments will be graded as U (fail) or G (pass).

The principles for weighing each part of the examination are presented in the grading criteria.

The examination will be in English.

b) The grading is based on a two-point grading scale: pass (G) or do not pass (U).

c) The grading criteria will be presented to the students in writing when the course begins.

d) In order to receive a passing grade on the course, both assignments must receive a passing grade. Moreover, it is required that the student has participated in all the seminars.

e) Each time the course is taught, two examinations are offered. For terms when the course is not taught, one examination is offered.

Students who receive a failing grade two consecutive times from the same examiner have the right to request a different examiner to grade the examination. This request should be made to the director of studies.

f) Supplementary revisions of the grade U to G for the individual assignments and participation in the seminars are possible if the student is close to passing. The supplementary revision must be handed in within a week after the notification from the examiner.

g) Assignments must be handed in on time, according to the instruction in the course description. Students who fail to meet the deadline will be given an opportunity for re-examination.

Interim

Students may request an examination in accordance with this syllabus up to three semesters after the course has ceased or changed significantly.

Limitations

The course can not be included in the same university degree as the courses PH008S SPSS and data management, 3 hp, and PH01G1 Basic statistics with SPSS, 3 hp.

Misc

Plagiarism, cheating, and self-plagiarism is prohibited in all parts of the course. Suspicion of such cases is reported to the Disciplinary board at Stockholm University.

Required reading

The current course literature will be published on the department's website, www.su.se/publichealth, at least two months before the course begins.