Department of Public Health Science

Stockholm University

Syllabus

for course at advanced level

Basic statistical analysis
Grundläggande statistisk analys

2.5 Higher Education Credits
2.5 ECTS credits

Course code:	PH09A0
Valid from:	Spring 2021
Date of approval:	2019-08-27
Department	Department of Public Health Sciences
Main field:	Public Health
Specialisation:	A1N - Second cycle, has only first-cycle course/s as entry requirements

Decision

Determined by the Board of the Department of Public Health Sciences, 2019-08-27.

Prerequisites and special admittance requirements

A degree comprising at least 180 credits, including an independent thesis comprising at least 15 credits, as well as English proficiency equivalent to English 6.

Course structure

Examination code	Name	Higher Education Credits
T091	Individual written assignment	2.5

Course content

The purpose of the course is to give the student a practical introduction to statistical analysis. The course gives an overview of different types of descriptions and analyses of bivariate associations, including cross tables, scatterplots, correlation analysis, t-test, chi2, and regression analysis. After the course, the student will be able to perform simple statistical analyses and interpret the results from these.

Learning outcomes

In order to receive a passing grade on the course, the student should be able to:
- Investigate and describe associations between variables.
- Apply basic statistical methods of analysis.
- Interpret results from analyses of bivariate associations.
- Reflect on the scientific process in relation to their own competence development in the field of Public Health Sciences.

Education

The teaching will be based on lectures and seminars.

Participation in the seminars is mandatory. In case of absence, the student will be given compensatory assignments.

The course will be taught 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 is examined through an individually written assignment and active participation in the seminars. In case of absence, the student will be given compensatory assignments.

The written assignment and the participation in the seminars will be graded on a two-point grading scale (G=Pass, U=Fail).

The examination will be in English.

If the student has a certificate from Stockholm University that recommends special pedagogical support, the examiner has the right to offer the student alternative forms of examination.

b) The course grade will be given on a two-point grading scale:

G=Pass
U=Fail

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, the student must receive passing grades on the written assignment and participation in the seminars.

e) Two examinations are offered each time the course is taught. 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.

A written assignment and participation in the seminars that received a failing U grade can receive a passing U grade with submission (maximum of one time) of a supplementary assignment, if the student is close to passing.

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 content of this course overlaps with the course "Method II: quantitative methods in public health sciences" (course code: PH3001) to the extent of 2.5 credits and, therefore, cannot be part of a degree in which "Method II: quantitative methods in public health sciences" is also included.

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.

This course is given as part of Term 2 of the Master’s programme in public health sciences: Societal and individual perspectives. The course is also offered as a single-subject course to the extent there are available resources.

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.