

Syllabus

for course at advanced level

Management and description of quantitative data
Hantering och beskrivning av kvantitativa data

**2.5 Higher Education
Credits**
2.5 ECTS credits

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|--------------------------|---|
| Course code: | PH08A1 |
| Valid from: | Spring 2023 |
| Date of approval: | 2022-10-25 |
| Department | Department of Public Health Sciences |
| Main field: | Public Health |
| Specialisation: | A1F - Second cycle, has second-cycle course/s as entry requirements |

Decision

Determined by the Board of the Department of Public Health Sciences.

Prerequisites and special admittance requirements

A degree comprising at least 180 credits, as well as English proficiency equivalent to English 6.

Course structure

| Examination code | Name | Higher Education Credits |
|------------------|--|--------------------------|
| 0801 | Examination I: Individually written assignment | 2.5 |

Course content

The purpose of the course is to give the student a practical introduction to basic statistics. The course includes an overview of basic statistical concept and measurements. After the course, the student will be able to manage quantitative data materials and generate descriptive statistics using statistical software, as well to present and interpret these statistics.

Learning outcomes

In order to receive a passing grade on the course, students are expected to be able to:

Knowledge and understanding

1. Explain commonly used statistical concept and measurements.
2. Interpret statistical graphs and tables.

Skills and abilities

3. Use statistical software to manage data materials.
4. Generate and motivate the choice of descriptive statistics based on the data material and research questions.

Education

The teaching will be based on lectures and seminars.

The course will be taught in English.

See the course description for more detailed information. The course description will available at least one month before the course starts.

Forms of examination

a) Forms of examination

Examination I. Individual written assignment

Learning outcomes 1-4 are examined through an individual written assignment. Grading will be based on a two-point grading scale (U=Fail, G=Pass).

Language

The examination will be in English.

Certificate of special pedagogical support

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) Course grade

The course grade will be given as follows:

G=Pass

U=Fail

c) Grading criteria

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

d) Final grade

In order to receive a passing grade in the course, the student must receive a passing grade for Examination I.

The final grade is determined by the grading of Examination I.

e) Examinations

Two examinations are offered each time 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.

f) Supplementary revisions

Supplementary revisions should be submitted within a week after the examiner has announced the need for revisions.

Examination I

It is possible to make a revision of a U grade to a passing grade, 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 courses "SPSS and data management" (course codes: PH008S and PH2400) and "Basic statistics with SPSS" (course code: PH01G1) and "Management and description of quantitative data" (course code: PH08A0) to the extent of 2.5 credits and, therefore, cannot be part of a degree in which "SPSS and data management", "Basic statistics with SPSS" or "Management and description of quantitative data" 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/PH08A1, at least two months before the course begins.