

Syllabus

for research course

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

**2.5 Higher Education
Credits**
2.5 ECTS credits

Course code: PH014F1
Valid from: Spring 2022
Department Department of Public Health Sciences

Prerequisites and special admittance requirements

Learning outcomes

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

- Explain commonly used statistical concept and measurements.
- Use statistical software to manage data materials.
- Generate and motivate the choice of descriptive statistics based on the data material and research questions.
- Interpret statistical graphs and tables.
- Discuss how the course content can be applied on the student's own field of research.

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.

Mandatory exams

Attendance at lectures and seminars is not mandatory

Forms of examination

a) The course is examined through an individual written assignment.

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

The written assignment (including participation, presentation and commenting at the examination seminar) 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 as follows:

G = Pass

U = Fail

- c) The grading criteria will be presented to the students in writing when the course begins, at the latest.
- d) In order to receive a passing grade in the course, the student must receive pass grade (G) on the written assignment.
- e) 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.

Individual assignments that received failing U grades can receive passing G grades with submission of supplementary assignment, if the student is close to passing.

Form of instruction

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 be available at least one month before the course starts.

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

This course is given in collaboration with the “Master’s programme in Public Health Sciences: Societal and Individual Perspectives”. Joint lectures with master students are therefore applied.