



LUND
UNIVERSITY

Faculty of Medicine

MPHP29, Public Health: Applied Research Methods, 7.5 credits

Folkhälsovetenskap: Tillämpad forskningsmetod, 7,5 högskolepoäng
Second Cycle / Avancerad nivå

Details of approval

The syllabus was approved by The Master's Programmes Board on 2020-03-31 to be valid from 2020-04-01, autumn semester 2020.

General Information

The course is a compulsory component of the Master (120 credits) of Medical Science programme in Public Health.

Language of instruction: English

Main field of studies

Public Health Science

Depth of study relative to the degree requirements

A1F, Second cycle, has second-cycle course/s as entry requirements

Learning outcomes

Knowledge and understanding

On completion of the course the student should be able to:

- compare key concepts of study design and analytical methods in relation to public health research methodology

Competence and skills

On completion of the course the student should be able to:

- independently identify relevant public health research method to answer a specific research question apply this/these and thereafter interpret, present and discuss the results
- independently identify research articles, reports and research material of relevance to a specific research issue

- Discuss study findings in relation to methodological, social and ethical aspects

Judgement and approach

On completion of the course the student should be able to:

- independently reflect on ethical dilemmas and critically evaluate public health research on the basis of ethical principles and guidelines
- critically evaluate and discuss own research findings from a methodological perspective and in relation to current research

Course content

The course gives the students prerequisites to independently apply a scientific method to analyse data. The student chooses which method they will work with during the course. The students will be divided into two main groups - qualitative or quantitative methods - in which they participate in seminars and exercises. The aim of the seminars is to give the students possibility to understand general prerequisites and adopt approaches in relation to the chosen method. The exercises are carried out with the aim that the students should become proficient in applying the research method they have chosen. The students can, if they choose to, bring their own data to these exercises.

Course design

The teaching consists of seminars and exercises in smaller groups.

Participation in seminars and exercises are compulsory.

Assessment

The examination consists of an individual written assignment (6 credits) and a course portfolio with active participation in seminars and exercises (1.5 credits).

Other forms of examination can be used if there are special reasons.

The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

Subcourses that are part of this course can be found in an appendix at the end of this document.

Grades

Marking scale: Fail, Pass, Pass with distinction.

The grades awarded for the individual written assignment are Fail, Pass, and Pass with Distinction. The grades awarded for the course portfolio are Fail and Pass.

For the grade of Pass on the whole course, the student must be awarded this grade on all assessed components.

Pass with distinction requires the grade Pass with distinction on the individual written assignment and the grade Pass on the course portfolio.

Entry requirements

Bachelor's degree, English 6 or the equivalent and a Pass grade in the following courses: MPHP22, MPHP23, MPHP24 or the equivalent

Subcourses in MPHP29, Public Health: Applied Research Methods

Applies from H20

- 2001 Individual written assignment, 6,0 hp
Grading scale: Fail, Pass, Pass with distinction
- 2002 Course portfolio, 1,5 hp
Grading scale: Fail, Pass