



## DEPARTMENT OF GLOBAL PUBLIC HEALTH

### **K9F6011, Data Management in Survey Design , 1.5 credits (hec)**

Datahantering i enkätstudiedesign, 1,5 högskolepoäng

*Third-cycle level / Forskarnivå*

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#### **Approval**

This syllabus was approved by the The Committee for Doctoral Education on 2024-03-15, and is valid from autumn semester 2024.

#### ***Responsible department***

Department of Global Public Health, Faculty of Medicine

#### ***Contributing department/s***

Department of Global Public Health

#### **Prerequisite courses, or equivalent**

Knowledge about general data protection regulation (GDPR) and about documentation and handling of research data corresponding to what is included in the compulsory introduction to doctoral education at KI.

#### **Purpose & Intended learning outcomes**

This course is designed for students who work with survey-based research or who are interested in understanding the principles of data management. The course will cover the process of transferring survey responses to clean, accurate, and useful data that can be analysed. The course also includes the ethical and legal components of your responsibilities as a researcher. After completing this course, the students will be able to:

1. Explain the importance of having a data management plan
2. Describe the key concepts and basic principles of data management starting from collected data to archiving
3. Identify and discuss the practicalities and challenges of data management

4. Develop a data management plan that is aligned with the research plan
5. Make informed decisions in applying ethical principles throughout the data management process

## Course content

During this course the participants will learn the basic principles of data management starting from collected data to archiving. These principles will help the students to optimize their research output, increase the impact of their research, and support open scientific inquiry.

The course includes:

Key data management concepts  
Practice and challenges of data management  
Hands-on experience with data management  
Considerations for ethical aspects

## Forms of teaching and learning

This course is an intensive **one** week course, **fully online** via zoom.

Different strategies for teaching and learning will be used such as lectures, group-discussions, seminars and hands-on practical sessions with data.

The focus will be on critically reflecting upon your own skill set development and identifying areas in your data management skills that you can improve.

### *Language of instruction*

The course is given in English

## Grading scale

Pass (G) /Fail (U)

## Compulsory components & forms of assessment

It is obligatory to attend the session on developing own data management plan that is aligned with your research plan. Absence during this obligatory session cannot be compensated for.

### Forms of assessment

1. A written data management plan (needs to include existing data that can be used for research) to be developed throughout the course period. This data management plan is submitted at the end of the course.
2. An oral presentation of the data management plan

## Course literature

Course literature is based on recommended key articles, power-point presentations and handouts, which will be accessible to all participants.