



School of Health,
Care and Social
Welfare

Course syllabus – Third-cycle Course

Epistemology, Ethics and Design, 7,5 credits

Kunskapsteori, etik och design, 7,5 hp

Course code	FHVV002
Established date	2017-06-01
Established by	School of Health, Care and Social Welfare
Valid from	Fall semester 2018
Main fields of study	Care Sciences, Public Health Science, Physiotherapy, Social Work and Work Life Studies
Area of education	Health and Welfare
Level of the course	Third cycle
Form of Education	Higher education, study regulation of 2007
Language	English
Grading System	Two-grade scale
Change date	2020-05-23

Specific entry requirement

A Bachelor's degree in Public Health Science, Physiotherapy, Medical Science, Psychology, Social Work, Sociology, Caring Sciences with Specialization in Nursing, or the equivalent. In addition, Swedish B/Swedish 3 and English B/English 6 are required. For courses given entirely in English exemption is made from the requirement for Swedish B/Swedish 3

Objectives

The objective of the course is that the students shall acquire deepened knowledge about epistemological traditions and their impact on research designs. The course objective is also to acquire a deepened knowledge and understanding of research ethics and its relevance in the society. Furthermore, the student shall acquire skills in scientific presentation and how to communicate research.

Learning outcomes

After the course the doctoral student will be able to:

1. Reflect and critically examine epistemological perspectives in health and welfare research.
2. Compare and discuss the characteristics of different designs in health and welfare research.
3. Critically evaluate the laws and ethical rules that are applicable to research in health and welfare
4. Identify ethical issues and design an application for ethical review
5. Describe and scientifically discuss the own research project in a research ethical context
6. Critically examine and communicate research

Course content

The course includes:

- Epistemology of science
- Introduction to different research designs
- Research ethics in academic work
- Data and scientific misconduct
- Scientific presentation and research communication

Teaching methods

The teaching methods are lectures and seminars, tutorials through a web-based teaching platform

Examination

ASSIGN 1 Individual assignment: Critical review of a doctoral thesis 2,5 credits (learning outcomes 1,2 and 3)

ASSIGN 2 Individual assignment: Research ethical application, 3 credits (learning outcomes 4 and 5)

SEM 1 Reflections on presentation techniques to communicate research, 1 credits (learning outcome 6)

SEM 2 Oral presentation and critically review research ethical applications, 1 credits (learning outcome 3, 4 and 5)

Possible re-examinations: 5

Marks/grades

Pass (G) or Fail (U).

In this course, the general rules and guidelines on deception and disturbance at Mälardalen University are applied. For more information see mdh.se, and *Deception and Disturbance*.

Reading List

For information, please contact the responsible department.