

## Philosophy of Science II – Research, Society, and Coproduction of Knowledge, 2.5 credits

Vetenskapsteori II – forskning, samhälle och samproduktion av kunskap, 2,5 högskolepoäng

<b>Course code:</b>	FHVV026
<b>Host School:</b>	School of Health, Care and Social Welfare
<b>Valid from:</b>	250109
<b>Established by:</b>	School of Health, Care and Social Welfare
<b>Decision date:</b>	240402
<b>Last modified:</b>	
<b>Level of education:</b>	Third cycle level
<b>Language:</b>	English

### Course objective

The course aims to enable doctoral students to position themselves within a scientific tradition and/or field by developing and communicating their research in multidisciplinary contexts. The course also aims to enable doctoral students to study the relation between scientific research and societal challenges and how different disciplines, actors, and organizations coproduce knowledge.

### Course content

- Research communication
- Research cooperation
- Coproduction of knowledge
- The relation between scientific research and society

### Intended learning outcomes

Upon completion of the course the doctoral student should be able to

1. communicate the scientific underpinnings of their own research in different types of contexts
2. evaluate the societal impact of their own field of research and their own research project
3. find and use strategies for developing cross-disciplinary research projects

## The intended qualitative targets in the Higher Education Ordinance, appendix 2.

### *Knowledge and understanding*

For the Degree of Doctor, the doctoral student shall demonstrate:

- A1: broad knowledge and systematic understanding of the research field as well as advanced and up-to-date specialised knowledge in a limited area of this field
- A2: familiarity with research methodology in general and the methods of the specific field of research in particular.
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### *Competence and skills*

For the Degree of Doctor, the doctoral student shall demonstrate:

- B4: the ability in both national and international contexts to present and discuss research and research findings authoritatively in speech and writing and in dialogue with the academic community and society in general,
- B5: the ability to identify the need for further knowledge, and
- B6: the capacity to contribute to social development and support the learning of others both through research and education and in some other qualified professional capacity.

### *Judgement and approach*

For a Degree of Doctor the doctoral student shall demonstrate

- C2: specialised insight into the possibilities and limitations of research, its role in society and the responsibility of the individual for how it is used.

## Teaching formats

Lectures, workshops, seminars

## Examination

SEM, active participation in seminars, 1.5 credits.

INL, individual written assignment, 1 credit.

## Grade

Examinations included in the course are assessed according to a two-grade scale, fail or pass.

Grades are to be decided by a teacher specially appointed by the university.

A person who has not passed the regular examination shall be given the opportunity to retake the test.

## **Requirements**

To participate in the course and the examinations included in the course, the applicant must be admitted to doctoral studies at Mälardalen University.

### **Specific entry requirements**

Students should have completed the course Philosophy of Science I – An introduction, or the equivalent.

### **Selection criteria**

Doctoral students admitted to other higher education institutions within and outside of Sweden may be admitted to the course, subject to availability. The same applies to teachers at Mälardalens University that holds a PhD. Selection of applicants will be made in accordance with the ranking below.

1. Doctoral students at Mälardalen University
2. Doctoral students at other universities in Sweden
3. Doctoral students at other higher education institutions outside Sweden
4. Teachers at Mälardalen University that holds a PhD.