



COURSE DESCRIPTOR

Research Ethics

Forskningsetik

Third-cycle course

3 higher education credits

1. Entry requirements

Admitted as a doctoral student. No previous knowledge required.

2. Objective and content

3.1. Objective

The main objective of the course is to raise awareness and knowledge about the various aspects related to research ethics and misconduct.

3.2. Content

The course will be organized around a set of seminars and conclude with a workshop with participant presentations.

- Seminar 1: **Introduction to research ethics**. Philosophical stances on ethics. Researcher's responsibilities. The role of researcher in society and the use and impact of research results. Beneficence in research.
- Seminar 2 and Groupwork: **Data handling**. Ethical considerations in data processing and data handling. GDPR. Confidentiality principles. Informed consent.
- Seminar 3: **Scientific authorship and scientific publishing**. Ethical considerations and plagiarism related to authorship. Vancouver convention. Peer reviewing and editorial guidelines (examples include IEEE and ACM codes of ethics).
- Seminar 4: **Research misconduct**. Fraud in Science. New law relating to scientific misconduct. [Etikkommittén Sydost](#).
- Workshop: Students presentations

3. Learning outcomes

The course targets one of the goals of doctoral education, namely, the ability of the candidates to make assessments of ethical aspects of his or her own research. The following learning outcomes are examined in the course.

3.1. Knowledge and understanding

On completion of the course, the student will be able to:

- Demonstrate insight into the limitations of science, and its role in society

3.2. Competence and skills

On completion of the course, the student will be able to:



- Recognize ethical misconduct

3.3. Judgement and approach

On completion of the course, the candidate will be able to:

- Find solutions to ethical dilemmas in research
- Make assessments of ethical aspects of his or her own research

4. Learning activities

The course is organized around a set of seminars dedicated to various aspects of research ethics. The students are expected to

- Participate in 75% of the seminars and actively engage in discussions, reflecting on the relevance of the discussed problems and solutions to own research;
- Write a report on a dilemma related to research ethics;
- Present in a workshop.

The course will run yearly. Teaching language is English, materials will be available in English (some also in Swedish).

5. Assessment and grading

To pass the course, students are required to attend lectures (75% attendance is required), complete a written report and present own ideas in the workshop.

Module	Credit	Grade
Written report	–	GU
Presentation	–	GU
	3 credit	GU

6. Course evaluation

The course coordinator is responsible for systematically gathering feedback from the students in course evaluations and making sure that the results of these feed back into the development of the course.

7. Course literature and other materials of instruction

Good research practice, Vetenskapsrådets rapportserie, 3:2011. Available online: [English version](#), ISBN 978-91-7307-354-7 | [Svensk version](#), ISBN 978-91-7307-352-3.

8. Language of instruction

The teaching language is English.