Research Ethics for Science & Technology, 2hp credit

Accommodating Department: Centre for Research Ethics & Bioethics, Department of Public Health and Caring Sciences
Requirements: Registered for graduate studies on Science and Technology Faculty
Target group: Graduate students
Grades: Passed/not passed
Duration: 18hrs during 2 weeks
Maximal number of participants: 29

Goals
The course will give the students a general knowledge about both ethical problems in research and different views on what constitutes ethics and science respectively. The course also aims at improving the student's capacity to reflect on his or her own preconceptions and values with regard to research ethical problems and the student's ability to mobilise a sense of responsibility when faced with research ethical problems. After completing the course, the student is expected to be able to:

- Identify and characterize research ethical problems and solutions
- Identify interests and concerns relevant to involved parties
- Make assessments of research ethics
- Demonstrate specialised insight into the possibilities and limitations of research, its role in society and the responsibility of the individual for how it is used

Contents
Some of the topics studied during the course are:

- Ethical theories and norms
- Critical discussion of guidelines and laws that regulate research
- Fraud and misconduct in science
- The ethics and value of technology and scientific progress
- Dual use and responsibilities of researchers
- Intellectual ownership
- Authorship and scientific writing issues
- The role of the scientist in society

Format
The course consists of lectures, seminars, and group work. Active participation in seminars is expected.

Examination
The examination consists of a group presentation and the carrying out of a research ethics project.

Literature
Swedish Research Council. *Good Research Practice*. Stockholm, Swedish Research Council 2017. Download (or order) from the Swedish Research Council (www.vr.se) or download from CODEX (www.codex.uu.se)

Articles, e.g. for a "reading room" exercise