

Ethical Reflection/Ethisches Reflektieren (ere), Oliver Bendel

Fall semester 2024

Guidance

Ethics is an old discipline of philosophy. Information ethics is one of the newer areas of ethics. A counterpart to human ethics is machine ethics.

Computer science (especially data science and artificial intelligence) and robotics enable or create technical systems that often have social and moral implications in their application.

Opportunities and risks need to be assessed and reactions from politics, business and users anticipated. Ethical reflection – especially in the context of information ethics – is therefore an important tool.

What can you expect?

Ethical reflection is a *portfolio competence*. This means that you will work on the learning outcomes through various tasks that you put together yourself over several semesters.

The “Ethical reflection” competence comprises three learning outcomes. Below is a list of what you can expect when you work towards the individual learning outcomes.

LE1: Speaking precisely

Central concepts and methods of ethics are known and mastered, the area ethics (including technology ethics, business ethics and medical ethics) are known and differentiated.

LE2: Reflection

The use of information and communication technologies, information systems, new media, robots, and AI systems is understood in terms of its moral implications and consequences. The technologies are reflected upon using suitable terms and methods.

LE3: Applying

The knowledge and skills acquired are transferred to a selected area of application. Opportunities and risks are compared and interests and conflicts are revealed.

Structure and learning effort

Learning path of competence ere – Ethical reflection

LE1 – Speaking precisely: 33%

LE2 – Reflection: 33%

LE3 – Applying: 33%

Proof of performance

Graded submission

Proof of competence is provided by the graded submission of the mini-challenge by the end of the academic semester. Collaboration in groups is possible. However, the work itself must have an independent character and is graded individually.

The work is assessed in terms of content (two thirds of the grade) and form (one third of the grade).

Further details can be found below in the description of the task.

How are you supported?

The acquisition of skills and the work within the challenges should generally be carried out independently, but we will support you in several ways.

Specialist support

During the semester, the expert will be available online at the following times:

- Friday, 15.15 – 16.00

Semester schedule

No additional dates are planned at the moment.

Individual support

For individual appointments, simply ask by email, preferably one week in advance.

Further comments on the learning opportunities

If questions and discussions at DS Spaces indicate a need for more support, experts organize a JIIT during the consultation hour.