

HUM-284

The ethics of emerging technologies

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Cursus	Sem.	Type
Humanities and Social Sciences	BA3	Obl.

Language of teaching	English
Credits	2
Session	Winter
Semester	Fall
Exam	During the semester
Workload	60h
Weeks	14
Hours	2 weekly
Lecture	2 weekly
Number of positions	80

Remark

Une seule inscription à un cours SHS+MGT autorisée. En cas d'inscriptions multiples elles seront toutes supprimées sans notification.

Summary

This course provides students with the tools to understand and address the ethical challenges of emerging technologies, empowering them to make responsible decisions that positively impact society and the environment.

Content**Learning Outcomes**

By the end of the course, the student must be able to:

- Identify the ethical issues that engineers may encounter in their professional activities.
- Use ethical concepts and frameworks to analyze ethical issues in engineering practice.
- Use ethical tools to address ethical challenges and integrate ethics into engineering practice
- Make ethical decisions based on solid ethical reasoning about engineering practice

Transversal skills

- Make an oral presentation.

Teaching methods

Students will attend an introductory lecture in English that provides the essential knowledge needed for their assessments; a variety of active learning strategies (2-minute note review, take-home tweet, think-pair-share) will be employed during class to deepen cognitive engagement and interaction with the course material.

Expected student activities

- Participate in the weekly 2-hour lecture sessions.
- Develop and complete a short group project.
- Present the group project in oral format.
- Deliver one short written output.
- Read assigned literature.

Assessment methods

Short written piece; oral disputatio

Supervision

Office hours	No
Assistants	Yes
Forum	No

Resources

Moodle Link

- <https://go.epfl.ch/HUM-284>