



Visiting Professor Program Academic Year 2024/2025

TEACHING COMMITMENT: 40 hours

COURSE TITLE

Ethics of Technology

TEACHING PERIOD

2nd term

SCIENTIFIC AREA

Philosophy of Science

LANGUAGE USED TO TEACH

English

COURSE SUMMARY

The course addresses the ethical issues that emerge in the practice of technoscience by showing how they arise and the way they permeate all steps of technological development. It is organized in a series of lectures and work sessions concluded with an essay. Topics include, for instance, the notion of responsibility, a review of normative ethics, ethical questions in the design and management of technology, the ethical aspects of technical risks, the distribution of responsibility in engineering, design, and architecture, the relationship among sustainability, ethics and technology. After having completed the course students should: a) better recognize and analyze ethical and social issues inherent in technology; b) have insight into how these ethical and social aspects are related to legal, political, and organizational backgrounds; c) be able to explore and assess possibilities for solving or diminishing existing and emerging ethical and social problems that hamper the work of professionals and managers engaged in technological innovation; d) be better prepared to their future professional life in an ethically and socially responsible way.

LEARNING OBJECTIVES

Knowledge and understanding. Students will:

- Acquire a broad perspective on the ethical and social impacts and implications of science and technology;
- Be acquainted with normative ethics and normative argumentation;
- Learn how to recognize and analyze ethical and social aspects and issues inherent in some technological applications;
- Be able to understand how technical problems are inherently connected to a social dimension within a socio-technical perspective.

Applying knowledge and understanding. Students will:

- Be able to use critical skills in clarifying and ethically analyzing case-studies involving technology;
- Be able to apply ethical theories to problems created, aggravated or transformed by current technologies;
- Be able to explore and assess possibilities for solving or diminishing existing and emerging ethical and social problems.

VISITING PROFESSOR PROFILE

The ideal candidate has a well-established reputation in the domain. She/he has contributed to the academic debate with articles and monographs, and she/he has a long teaching experience.

CONTACT REFERENT

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