

# SCIENCE AND TECHNOLOGY STUDIES

## Séminaire d'ouverture

### ENSEIGNANT·E·S :

**Fabrizio Li Vigni**

### DESCRIPTION GÉNÉRALE DU COURS :

The STS movement appeared in the 1970s and the 1980s in UK, France, and the US. It is an interdisciplinary approach (involving sociology, history, philosophy, anthropology, economics, law), which embraces a wide range of theories about the intersection between science, technology and society. This course proposes students to examine a variety of real world issues (GMOs, medicine, innovation, smart cities, etc.) from a perspective grounding scientific knowledge in sociopolitical, cultural and economic realities. The objective of the course is to engage students to formulate a critical understanding of the interface between science, society and technology, by developing students' capacities and confidence to make informed decisions, and to take responsible action. This course provides an introduction of the field of STS as a way to study how our knowledge and technology shape and are shaped by social, political, historical, and economic factors. We will learn key concepts of the field through the reading of some texts, the vision of some documentaries, and the debates and interactions we will have in class. The course will be validated through participation to discussion and through the writing of a short text to be delivered at the end of the semester.

### OBJECTIFS VISÉS ET COMPÉTENCES ACQUISES AVEC CET ENSEIGNEMENT :

- To know the main issues of the STS;
- To be capable of contextualizing some works of the STS;
- To be capable of articulating the sociological, the economic, the political and the philosophical levels in order to analyze the different dimensions of technosciences.

**Année :** 2021-2022

**Année du diplôme :**

**Cycle ou semestre :**

**ECTS :** 2

**Nombre d'heures de référence enseignant :** 15

**Modalité pédagogique principale :**  Présentiel  Distanciel

**Horaires du cours :**

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