

Academic Year: (2023 / 2024)

Review date: 24-04-2023

Department assigned to the subject: Social Sciences Department

Coordinating teacher: DIAZ GORFINKIEL, MAGDALENA

Type: Compulsory ECTS Credits : 6.0

Year : 3 Semester : 1

REQUIREMENTS (SUBJECTS THAT ARE ASSUMED TO BE KNOWN)

No previous requirement.

OBJECTIVES

The course aims to analyse the ways in which culture and science, as particular forms of culture, interacted through history mutually shaping.

The course articulates both the historical dimension and the great areas of science; hence the historical transformations are explained as well as it shows the cultural components in which the scientific and technological change has shaped the most important cultural mutations.

Particularly, the subject deals with the concept of scientific and technological revolution as part of radical revolutions and transformation of culture.

DESCRIPTION OF CONTENTS: PROGRAMME

1. Science and technology in culture
2. Space as cultural and scientific matter
3. Time as cultural and scientific matter
4. The cultural Impact of Scientific Revolution
5. The Industrial revolution, Romanticism, and the emergency of the concept of Nature
6. The Crisis of Science and its cultural import
7. Science and Culture in a digital environment.

% end-of-term-examination: 60

% of continuous assessment (assignments, laboratory, practicals...): 40

BASIC BIBLIOGRAPHY

- B. Latour Reassembling the Social: An Introduction to Actor-Network Theory, Oxford University Press, 2007
- Byung-Chul Han sychopolitics: Neoliberalism and New Technologies of Power, Verso, 2017
- Castells and Cardoso (eds.) The Network Society from Knowledge to Policy (chap. 1), John Hopkins University, 2005
- D. Haraway Simians, Cyborgs, and Women: The Reinvention of Nature, Routledge, 1991
- J. Zerzan Future Primitive (chap. 1), Autonomedia, 1994
- R. Kurzweil The Singularity is Near (chap. 1), Penguin, 2006
- S. Zuboff Surveillance Capitalism and the Challenge of Collective Action, New Labor Forum, 2019
- W. Steffen, P. J. Crutzen and J. R. McNeill The Anthropocene: Are Humans Now Overwhelming the Great Forces of Nature?, Ambio 36(8), 2007
- Y. Harari Sapiens. A Brief History of Humankind (chap. 14), London, Harvill, 2014
- Y. Harari Homo Deus: A Brief History of Tomorrow (chap. 11), Random House, 2017