## uc3m Universidad Carlos III de Madrid

## Science and Culture

Academic Year: (2019 / 2020) Review date: 25-03-2019

Department assigned to the subject: Social Sciences Department

Coordinating teacher:

Type: Compulsory ECTS Credits: 6.0

Year: 3 Semester: 1

## **DESCRIPTION OF CONTENTS: PROGRAMME**

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

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.

- 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 or 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