

**Major Issues of History of Science**

Code: 42280  
ECTS Credits: 15

Degree	Type	Year	Semester
4313223 History of Science: Science, History and Society	OT	0	1

**Contact**

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**Other comments on languages**

It could be some session in Catalan and another in English

**Use of languages**

Principal working language: catalan (cat)

**Teachers**

Xavier Roqué Rodríguez

Agustí Nieto-Galan

Annette Mulberger

Jorge Molero Mesa

**External teachers**

Antoni Roca

Daniele Cozzoli

Emilia Calvo

Jaume Valentines

Jon Arrizabalaga

José Romo

M<sup>a</sup> Rosa Massa

Oliver Hochadel

Pepe Pardo

**Prerequisites**

It is a mandatory module in the research (academic) itinerary. It trains students for the research modules (M5 + M9) of the second semester.

**Objectives and Contextualisation**

How to write the History of Science at the beginning of the 21st century? To answer this complex question, the module provides students with a critical approach to the different schools, themes and problems on which the history of science has been working as an academic discipline. It invites students to draw useful conclusions for their education as historians of science today. It is a historiographical module, in which plural views of a specific event in the past have priority over consensus -the latter being worked in module M1.

## Content

Contents

The course is organized into two blocks:

A: **Methodology and development of the discipline:** introduce the student into the bibliography, approaches and research methodology in the history of science. It also provides an overview of the development of discipline throughout the 20th century.

B: **Topics and problems:** explores the relationship of science with certain issues and border problems, from a historiographic perspective.

### A. METHODOLOGY AND DEVELOPMENT OF THE DISCIPLINE

Topics:

- Presentation. The history of science as an academic discipline: historiographical introduction. Sources and databases.
- Positivism: George Sarton
- Historicism: Alexandre Koyré
- The first sociology: Robert Merton
- Thomas Kuhn and the cold war.
- The cultural and sociological turn.

### B. THE HISTORY OF SCIENCE: THEMES AND PROBLEMS

Topics:

- Science and religion
- Science and audiences
- Science and Gender Studies
- Science and gender
- Human Science
- Science and Medicine
- Science and Visual Studies
- Science and mathematics
- Science and technology
- Science and art
- Science and literature

- Science and natural philosophy
- Final session of synthesis