

| Degree | Type | Year |
|-------------|------|------|
| Archaeology | OT | 4 |
| History | OT | 4 |

Contact

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Teachers

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Teaching groups languages

You can view this information at the [end](#) of this document.

Prerequisites

None

Objectives and Contextualisation

On completing this subject, students will be able to: interpret and understand the issues involved in science history and use technical and documentation tools to understand science. The purpose of this subject is a) provide an in-depth overview of science and technology during Early Modern times, and b) offer an essential perspective to contextualize and understand the events of the entire history of mankind.

Competences

- Archaeology
 - Contextualizing and analysing historical processes.
 - Respecting the diversity and plurality of ideas, people and situations.
 - Students must be capable of applying their knowledge to their work or vocation in a professional way and they should have building arguments and problem resolution skills within their area of study.

- Students must have and understand knowledge of an area of study built on the basis of general secondary education, and while it relies on some advanced textbooks it also includes some aspects coming from the forefront of its field of study.

History

- Contextualizing the historical processes and analysing them from a critical perspective.
- Respecting the diversity and plurality of ideas, people and situations.
- Students must be capable of applying their knowledge to their work or vocation in a professional way and they should have building arguments and problem resolution skills within their area of study.
- Students must have and understand knowledge of an area of study built on the basis of general secondary education, and while it relies on some advanced textbooks it also includes some aspects coming from the forefront of its field of study.

Learning Outcomes

1. Identifying the context of the historical processes.
2. Identifying the specific methods of History and its relationship with the analysis of particular facts.
3. Identifying the specific methods of history and their relationship with the analysis of particular facts.
4. Interpreting and analysing documentary sources.
5. Interpreting material and documentary sources.
6. Interpreting material sources and the archaeological record.
7. Mastering the diachronic structure of the past.
8. Using specialized knowledge acquired in an interdisciplinary context when debating.
9. Using the specific interpretational and technical vocabulary of the discipline.
10. Using the specific technical and interpretational vocabulary of the discipline.

Content

Recent historiographical trends

Periodisation

Revolutions and continuities. Astronomy, medicine, natural sciences, alchemy, chemistry, physics.

Scientific utopias and Science Fiction.

Documentation and technical tools

Activities and Methodology

| Title | Hours | ECTS | Learning Outcomes |
|------------------------------------|-------|------|-------------------|
| Type: Directed | | | |
| Exercices | 10 | 0.4 | 1, 2, 3 |
| tutorials | 30 | 1.2 | 1, 2, 3 |
| Type: Supervised | | | |
| Seminars, visits and presentations | 10 | 0.4 | 8 |
| tutorials | 10 | 0.4 | |

Type: Autonomous

| | | | |
|--|----|------|-------------------------------|
| Personal study | 48 | 1.92 | 8, 7, 1, 2, 3, 4, 5, 6, 9, 10 |
| Research and reading. Preparation of exercises | 30 | 1.2 | 8, 7, 1, 2, 3, 4, 5, 6, 10, 9 |

To achieve the established objectives, this subject involves both lectures and practical classes.

- Students must keep abreast of the news and information published on the Virtual Campus / Moodle.
- All activity deadlines are indicated in the subject's schedule and must be strictly adhered to.
- The work students carry out mainly consists of lectures, reading assignments and exercises to be performed in class

Annotation: Within the schedule set by the centre or degree programme, 15 minutes of one class will be reserved for students to evaluate their lecturers and their courses or modules through questionnaires.

Assessment

Continuous Assessment Activities

| Title | Weighting | Hours | ECTS | Learning Outcomes |
|----------------------------------|-----------|-------|------|-------------------------------|
| Attendance and active monitoring | 10% | 1 | 0.04 | 8, 7, 1, 3, 2, 4, 5, 6, 9, 10 |
| Essays and other activities | 50% | 7.5 | 0.3 | 8, 7, 1, 2, 5, 6, 9 |
| Final Exam | 40% | 3.5 | 0.14 | 7, 1, 2, 5, 6, 9 |

Continuous Assessment:

Critic essays on the subject's topics: 50%.

Final exam: 40%

Participation and active monitoring (debates, forums, etc.): 10%

Assessment is continuous. Students must provide evidence of their progress by completing tasks and tests.

At the time of completion/delivery of each assessment activity, the teacher will inform (Moodle, SIA) of the procedure and date of revision of the grades.

The schedule of the assessment tests cannot be modified (except in justified exceptional cases).

Erasmus students who request to bring an exam forward must present the teacher with a written document from their home university justifying their request.

Classification as "not assessable": The student will be classified as Non-evaluable when he has not delivered more than 30% of the evaluation activities.

Retake: will be made on the dates specified by the faculty; will not be to improve grade; the maximum rating is 5.0. To participate in the process you must have obtained a final minimum grade of 3.5.

This subject entirely prohibits the use of AI technologies in all of its activities. Any submitted work that contains content generated using AI will be considered academic dishonesty; the corresponding grade will be awarded a zero, without the possibility of reassessment. In cases of greater infringement, more serious action may be taken.

To participate in the retake, students must have previously been evaluated in a set of activities whose weight is equivalent to a minimum of 2/3 of the total grade (continued evaluation) or submit all the tests provided (Unique Assessment).

To be able to participate in the retake, it is necessary to have obtained a minimum grade point average of 2.5.

Individual written assignments and group oral presentations are excluded from retake.

Students will obtain a Not assessed/Not submitted course grade unless they have submitted more than 30% of the assessment items.

Single Assessment:

- Written exam (within the same date of the final exam of the continuous assessment): 70%

It will consist of two parts:

- o A first part consisting of a long single question regarding the topics of the course's lessons: 35%

- o A second part consisting of a critical essay: 35%

- A book review (which will be handed out on the day of the written exam): 30%

Misconduct in assessment activities: In the event of a student committing any irregularity that may lead to a significant variation in the grade awarded to an assessment activity, the student will be given a zero for this activity, regardless of any disciplinary process that may take place. In the event of several irregularities in assessment activities of the same subject, the student will be given a zero as the final grade for this subject.

In the written activities, spelling, syntactic or lexical errors are taken into account. The penalty can be between 0.1-0.2 points on the final grade for each mistake made. Repeated errors can discount.

Bibliography

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ROSSI, Paolo (1998) El nacimiento de la ciencia moderna en Europa. Crítica. Barcelona.

SOLIS, Carlos; SELLÉS, Manuel (2005) Historia de la Ciencia. Espasa. Madrid.

WESTFALL, Richard S. (1977). The Construction of Modern Science. Cambridge

Software

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Groups and Languages

Please note that this information is provisional until 30 November 2025. You can check it through this [link](#). To consult the language you will need to enter the CODE of the subject.

| Name | Group | Language | Semester | Turn |
|----------------------------|-------|----------|-----------------|---------------|
| (PAUL) Classroom practices | 1 | Catalan | second semester | morning-mixed |
| (TE) Theory | 1 | Catalan | second semester | morning-mixed |