COURSE DATA

DATA SUBJECT

Code: 46483
Name: Master's final project
Cycle: Master's Degree
ECTS Credits: 12
Academic year: 2026-27

STUDY (S)

Degree	Center	Acad. year	Period
2252 - Master's Degree in History of Science and Scientific Communication	Facultat de Medicina i Odontologia	1	Indefinite (Individuals)

SUBJECT-MATTER

Degree	Subject-matter	Character
2252 - Master's Degree in History of Science and Scientific Communication	Master's final project	MASTER THESIS PROJECT

COORDINATION

SUAY MATALLANA IGNACIO

SUMMARY

The students must develop a research topic in one of the three lines of work of the master's degree: history of science, technology and medicine; scientific communication; and scientific heritage and museology.
As it is an interuniversity master's degree, complete information can be found on the master's website, at the following address: http://www.historia-ciencia-comunicacion.org
Prof Resp: Eduardo Bueno (ebueno@umh.es); Ignacio Suay Matallana (ignacio.suay@uv.es)

PREVIOUS KNOWLEDGE

RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE

There are no specified enrollment restrictions with other subjects of the curriculum.

OTHER REQUIREMENTS

COMPETENCES / LEARNING OUTCOMES

2252 - Master's Degree in History of Science and Scientific Communication

Analizar e interpretar textos clásicos de la medicina y de la ciencia.

Aplicar métodos de análisis crítico para estudiar fuentes textuales, iconográficas y materiales relacionadas con la medicina, la ciencia y la tecnología.

Aplicar técnicas de búsqueda, identificación, selección y recogida de información especializada.

Conocer el desarrollo general de la historia de la ciencia, la medicina y la tecnología en su contexto social y cultural a lo largo del tiempo.

Conocer las biografías de los principales protagonistas del desarrollo de la historia de la ciencia, la medicina y la tecnología.

Conocer las características generales de la terminología médica y científica a través del estudio de su historia y su papel en la comunicación científica actual.

Conocer las diversas formas de popularización de la ciencia.

Conocer y utilizar con destreza las principales fuentes de información relacionadas con la comunicación científica, así como otras herramientas de recuperación de información (principales repertorios bibliográficos y bases de datos).

Conocer y utilizar con destreza las principales fuentes de información relacionadas con la historia de la ciencia, la medicina y la tecnología así como las herramientas de recuperación de esta información (repertorios bibliográficos y bases de datos).

Describir los procesos de producción y consumo del conocimiento científico, así como los mecanismos de comunicación social de la ciencia, con sus diversos medios, espacios y protagonistas.

Discutir y valorar las perspectivas, las controversias y los métodos de trabajo de las principales líneas de la investigación en el área de la información y la comunicación social de la ciencia.

Discutir y valorar las perspectivas, los debates historiográficos y los métodos de trabajo de las principales líneas de investigación histórica en torno a la ciencia, de la tecnología y de la medicina.

Idear, planificar, organizar y redactar un trabajo de investigación.

Identificar e interpretar textos de carácter divulgativo, periodístico o ensayístico relacionados con la ciencia, la medicina y la tecnología.

Identificar las principales fuentes de información relacionadas con la comunicación científica, así como otras herramientas de recuperación de información (principales repertorios bibliográficos y bases de datos).

Identificar las principales fuentes de información relacionadas con la historia de la ciencia, la medicina y la tecnología así como las herramientas de recuperación de esta información (principales repertorios bibliográficos y bases de datos).

Identificar los principales períodos y contextos geográficos del desarrollo histórico de la ciencia, la medicina y la tecnología.

Presentar en público un trabajo de investigación y debatir sus resultados con otros investigadores.

Recopilar, seleccionar y organizar la información científica especializada.

Students should apply acquired knowledge to solve problems in unfamiliar contexts within their field of study, including multidisciplinary scenarios.

Students should be able to integrate knowledge and address the complexity of making informed judgments based on incomplete or limited information, including reflections on the social and ethical responsibilities associated with the application of their knowledge and judgments.

Students should communicate conclusions and underlying knowledge clearly and unambiguously to both specialized and non-specialized audiences.

Students should demonstrate self-directed learning skills for continued academic growth.

Students should possess and understand foundational knowledge that enables original thinking and research in the field.

DESCRIPTION OF CONTENTS

0.

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at supplementary activities	0,00
Monitoring and tutoring of the master's thesis	0,00
Presentation and defence of the master's thesis	0,00
Total hours	**0,00**

NON PRESENCIAL ACTIVITIES

Activity	Hours
Independent preparation of the master's thesis	0,00
Preparation of the master's thesis project	0,00
Total hours	**0,00**

TEACHING METHODOLOGY

The final master's project will consist of writing a report or project, under the supervision of a professor, in which the knowledge, skills and professional competences acquired by the student throughout the degree in each one are made clear. The academic commission of the master's degree will prepare a list of suggested topics each year, which will not be, in any case, exclusive at the proposal of the master's professors on which the works to be presented may be based. The works will be individual, personal and original, so that they will serve to show the knowledge reached by the students in the subjects of the master's degree. Special emphasis will be placed on the correct management of the general skills of the master's degree and the knowledge and skills of the specialty chosen by the student. In any case, the work will materialize in a report or project in written form that will be accompanied, where appropriate, by the material deemed pertinent, together with a public presentation thereof. Various modalities may be submitted, the specific nature of which will also be clarified each year by the master's academic committee: a) Academic review and bibliographic research papers on any of the master's specialization topics. These works may take the form of an academic article, following the characteristics of a prestigious journal in the corresponding areas, or the form of a report whose contents and structure will be specified by the academic committee of the master's degree. b) Projects that come from carrying out internships in institutions or companies related to the themes of the master's degree, such as museums, popular magazines, cultural heritage areas, news agencies and others of a similar nature. Examples of these works may be the preparation of a popular science article, an exhibition project in a museum, a scientific heritage management program, a scientific documentary project, and other similar activities that must be approved by the academic committee of the master. c) Work of a similar nature to the previous ones resulting from a stay at another university, Spanish or foreign, always in accordance with a work plan prepared by the student and approved by the academic committee of the master's degree. d) In particular cases, the master's academic committee may specify modalities other than the previous ones which, in any case, must always accommodate the objectives of the master's degree. The Academic Coordination Commission of each master's degree will establish specific guidelines for each of these modalities, will offer guidelines regarding the selection process, documentation and writing of the work and, finally, will inform students about the evaluation criteria, all with the objective to standardize the elaboration and evaluation of the final master's projects.

EVALUATION

The TFM will be evaluated by a panel with a president and two members, who will preferably be professors of the master's degree. The director may not be part of the jury.
Qualification
Once the defense of the TFM has been carried out, the jury will mark the TFM, taking into account the report submited by the director. It will be marked numerically from 0.0 to 10.0, with a single decimal. In the event that the score is equal to or greater than 9.0, it will also be indicated if the award of the Honors Degree is proposed. The Governing Council, at the proposal of the CCA, can award extraordinary master's awards annually, at the rate of one for every thirty graduates or fraction.
The qualification criteria are those that are detailed in a public document that will be delivered to the students at the beginning of the course.

The usual procedures will be used to confirm the identity of the student and their authorship, applying, where appropriate, the corresponding regulations on plagiarism.

https://www.uv.es/plagio/pginas_web.html

https://sga.ua.es/es/normativa-academica/eees/evaluacion-de-los-aprendizajes/evaluacion-de-los-aprendizajes.html

https://estudios.umh.es/presentacion/normativas/evaluacion-y-progreso-y-permanencia-del-estudiantado-en-la-umh/

REFERENCES

- Umberto Eco, (1995), Cómo se hace una tesis. Técnicas y procedimientos de investigación, estudio y escritura. Editorial Gedisa. 1ª ed., Barcelona.

- -Bibliografía general del máster y específica de cada trabajo de fin de máster. -Bibliografia general del màster i específica de cada treball de fi de màster. -General bibliography of the master's degree and specific bibliography of each master's thesis.