

**COURSE DATA****Data Subject**

Code	43589
Name	Master's final project
Cycle	Master's degree
ECTS Credits	12.0
Academic year	2021 - 2022

Study (s)

Degree	Center	Acad. Period	year
2161 - Master's degree in Occupational Health and Safety	Faculty of Social Sciences	2	Second term

Subject-matter

Degree	Subject-matter	Character
2161 - Master's degree in Occupational Health and Safety	12 - Master's final project	End Labour Studies

Coordination

Name	Department
ALEGRE NUENO, MANUEL	999 - OTROS

SUMMARY

The *Trabajo Fin de Máster (TFM)* must be an original study and will aim at a topic related to the contents of the master. As a general rule, work shall also deal with the choosen specialty and can be linked, prior agreement with the tutor, to the activities developed in the module of external practices

PREVIOUS KNOWLEDGE**Relationship to other subjects of the same degree**

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



Other requirements

To study this subject, it is necessary to have passed all other compulsory subjects, except for external internships, and at least one of the subjects of specialty (Security in the Work, Ergonomics and Applied Psychosociology or Industrial Hygiene). The tutor assignment for the development of the work, as well as the choice of the subject thereof, will follow procedures previously established by the Coordination Commission Academic of the Master's Degree (CCA).

COMPETENCES (RD 1393/2007) // LEARNING OUTCOMES (RD 822/2021)

2161 - Master's degree in Occupational Health and Safety

- 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.
- Ser capaz de analizar de manera crítica problemas y necesidades considerando diferentes contextos y particularidades, y elaborar recomendaciones atingentes.
- Buscar y seleccionar información en bases de datos y documentos de carácter científico y profesional vinculados con la intervención familiar, y tener capacidad para sintetizarla e interpretarla.
- Estructurar, redactar y presentar adecuadamente de manera verbal y no verbal informes científicos y profesionales, integrando elementos teóricos y metodológicos con resultados y discusión.
- Planificar, asesorar y tomar decisiones con criterios éticos y legales.
- Desarrollar la capacidad para analizar nuevos problemas de forma rigurosa y sistemática.
- Desarrollar la capacidad para desarrollar procesos de investigación que contribuyan a generar avances en el conocimiento.
- Desarrollar la capacidad de iniciativa, pensamiento crítico y creatividad.
- Saber analizar necesidades y demandas de los destinatarios de las funciones del técnico en PRL considerando diferentes contextos.
- Ser capaz de medir y obtener datos relevantes para el diagnóstico organizacional en materia de riesgos laborales.



- Ser capaz de planificar la acción preventiva y proponer medidas para el control y reducción de los riesgos.
- Ser capaz de realizar búsquedas en la literatura científica y de analizar e interpretar rigurosamente los resultados de los estudios científicos llevados a cabo en el ámbito de la seguridad y salud en el trabajo.
- Ser capaz de aplicar los fundamentos y métodos de la investigación cualitativa y cuantitativa para el estudio y análisis de los elementos relacionados con la prevención de riesgos laborales en todos sus niveles de actuación.
- Ser capaz de escribir y presentar adecuadamente informes científicos con los fundamentos, métodos, resultados y discusión de los estudios empíricos realizados.

LEARNING OUTCOMES (RD 1393/2007) // NO CONTENT (RD 822/2021)

At the end of the teaching-learning process the student will know the fundamentals and principles of the scientific method; he/she will acquire skills for search and management of academic information sources related to knowledge and research in the field of occupational health; he/she will be able to build and manage databases concerning the preventive activities; he/she will be capable of applying quantitative and/or qualitative research methods to describe and evaluate the phenomena and situations of interest to prevention; he/she will be able to critically analyze the design, results and findings of research studies related to the prevention of occupational risks; he/she will be able to raise hypothesis and objectives feasible, valid and relevant in relation to a problem of knowledge on prevention of occupational risks; he/she will be able to carry out observations and rigorous measurements on the phenomenon of interest to evaluate hypotheses and objectives; he/she will be able to structure and write scientific reports with the basis, methods and results of the data and information obtained from the observation of the phenomenon of interest; he/she will be able to draw conclusions with practical implications for the prevention of occupational risks; he/she will acquire skills for writing, reporting and discussing his/her own work.

DESCRIPTION OF CONTENTS

1. TFM

The Trabajo Fin de Master (TFM) has an eminently practical character. For this aim, under supervision and evaluation, the student will perform the next activities: planning of the development of the work, including tracking and resolution of doubts; searches in the scientific and professional literature; collection and analysis of primary data (field work, including observation and/or rigorous measurement of the phenomena of interest) or secondary (databases, records, compilation of bibliography, etc.); drafting of a memory written including rationale, objectives, methods, results, discussion, conclusions and bibliography of his/her work; preparation and presentation of the oral defense of his/her work



WORKLOAD

ACTIVITY	Hours	% To be attended
Graduation project		100
Development of a final project	230,00	0
TOTAL	230,00	

TEACHING METHODOLOGY

For the development of the *Trabajo Fin de Master* (TFM) the following teaching-learning methods will be involved:

- Individual tutoring
- Use of information technologies
- Lab work (optional)
- Reading and analysis of scientific and technical documents
- Searching and analysis of documentation
- Use of measuring and assessment equipment
- Field work
- Preparation of reports

EVALUATION

To be evaluated, students must make the deposit of the TFM in the Secretariat of the Faculty of Social Sciences following the directions established by the Commission for Academic Coordination (CCA) of the master (see document "**Procedimiento Trabajo Fin de Máster**", available in Aula Virtual). An evaluation panel (*tribunal TFM*) appointed by the same CCA of the master will evaluate, according to established criteria (see document "**Procedimiento Trabajo Fin de Máster**", available in Aula Virtual) formal quality and contents of the report, as well as the ability of the student to oral presentation and public defense of his/her work.

1. Preparation and public defense of works of investigation
2. Public defense in front of the evaluation panel (*tribunal TFM*)

REFERENCES

Basic

- Castelló M, coordinadora. Escribir y comunicarse en contextos científicos y académicos. Barcelona: Editorial GRAÓ; 2007.
- VER bibliografía asignatura Metodología y técnicas de investigación



Additional

- Misma bibliografía de las asignaturas teóricas del MU en Prevención de Riesgos Laborales

ADDENDUM COVID-19

This addendum will only be activated if the health situation requires so and with the prior agreement of the Governing Council

English version is not available

En caso de que la situación sanitaria imponga que la prueba final se desarrolle online, se propondrá una evaluación por videoconferencia BBC.