

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

Code	43045
Name	Master's final project
Cycle	Master's degree
ECTS Credits	15.0
Academic year	2019 - 2020

Study (s)

Degree	Center	Acad. year	Period
2138 - M.U. en Investigación y Uso Racional del Medicamento 12-V.2	Faculty of Pharmacy	1	Second term

Subject-matter

Degree	Subject-matter	Character
2138 - M.U. en Investigación y Uso Racional del Medicamento 12-V.2	21 - Final project	End Labour Studies

Coordination

Name	Department
MERINO SANJUAN, MATILDE	134 - FARMACIA Y TECNOLOGÍA FARMACÉUTICA
NOGUERA ROMERO, MARIA ANTONIA	135 - Pharmacology

SUMMARY

Depending on the specialty may be a field or research project.

Development of a research work in various aspects: conceptual, methodological, analysis of results, their interpretation and writing of a scientific work

Development of a field study to implement the principles of rational drug use in health centers, hospitals, drug information centers, professional associations, etc. The papers dealt with topics of interest based on identified needs and have a very practical purpose, being designed to demonstrate and, if possible, to correct problems related to rational use of medicines, but also to increasing the practice of this concept by health education.



PREVIOUS KNOWLEDGE

Relationship to other subjects of the same degree

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

Other requirements

For the work presentation to Master students must have taken and passed the required courses and 30 credits of electives

OUTCOMES

2138 - M.U. en Investigación y Uso Racional del Medicamento 12-V.2

- Manejar adecuadamente las fuentes de información biomédica y poseer la habilidad de hacer una valoración crítica de las mismas integrando la información para aportar conocimientos a grupos asistenciales multidisciplinares
- Utilizar adecuadamente las herramientas informáticas, métodos estadísticos y de simulación de datos, aplicando los programas informáticos y la estadística a los problemas biomédicos
- Students can apply the knowledge acquired and their ability to solve problems in new or unfamiliar environments within broader (or multidisciplinary) contexts related to their field of study.
- Students are able to integrate knowledge and handle the complexity of formulating judgments based on information that, while being incomplete or limited, includes reflection on social and ethical responsibilities linked to the application of their knowledge and judgments.
- Students can communicate their conclusions, and the knowledge and rationale underpinning these, to specialist and non-specialist audiences, clearly and unambiguously.
- Students have the learning skills that will allow them to continue studying in a way that will be largely self-directed or autonomous.
- Be able to work in teams efficiently in professional or research practice.
- Be able to make quick and effective decisions in professional or research practice.
- Be able to access the information required (databases, scientific articles, etc.) and to interpret and use it sensibly.
- Students have the knowledge and understanding that provide a basis or an opportunity for originality in developing and/or applying ideas, often within a research context.
- Saber redactar y preparar presentaciones para posteriormente exponerlas y defenderlas.
- Ser capaces de analizar de forma crítica tanto su trabajo como el de su compañeros.
- To be able to access information tools in other areas of knowledge and use them properly.
- To be able to assess the need to complete the scientific, historical, language, informatics, literature, ethics, social and human background in general, attending conferences, courses or doing complementary activities, self-assessing the contribution of these activities towards a comprehensive development.
- Be able to apply the research experience acquired to professional practice both in private companies and in public organisations.
- Dominar los aspectos éticos y legales del medicamento tanto a nivel asistencial como los relacionados con los ensayos preclínicos y clínicos.
- Resolver de dilemas éticos derivados del empleo de medicamentos.
- Dominar la comunicación científica. Poseer habilidades sociales y comunicativas en la práctica asistencial.
- Capacidad de seleccionar y gestionar los recursos disponibles (instrumentales y humanos) para optimizar resultados en investigación.



- Dominar el método científico, el planteamiento de protocolos experimentales y la interpretación de resultados en la búsqueda, desarrollo y evaluación de nuevos fármacos.
- Analizar la utilización de medicamentos para la buena práctica asistencial. Capacidad para evaluar resultados farmacoterapéuticos.
- Capacidad para desarrollar y proponer procedimientos que contribuyan al uso racional del medicamento.

LEARNING OUTCOMES

At the end of the teaching-learning process the student should be able to:

Make a research based on studies of drugs and is part of a broader line of research, with the necessary coordination.

Use scientific databases, abstracts, full articles, documentation, etc.. required to have a clear view of the history, originality, interest and viability of a particular study.

Properly use research methodologies in Pharmacology, Biopharmaceutics and pharmacotechnics.

Working in the scope required for a particular study, with maximum operator safety and the environment.

Apply knowledge of aspects of rational use of drugs we studies to improve the quality of drug utilization at different levels of care.

Develop a clear and concise report of the results of a research paper.

Present and defend before a specialized audience, development, results and conclusions of a research work.

Explain clearly and concisely the findings of a research work that may be of interest to a lay audience.

Show by performing the tasks of a research and exposition and defense, the ability to apply research experience gained in the planning and implementation of future studies to be conducted in different settings within the field of Drug Research.

DESCRIPTION OF CONTENTS

1. General

Conducting a research on a particular line belongs to the research group which is part of the Guardian and in which the student will be integrated to perform



WORKLOAD

ACTIVITAT	Hours	% To be attended
Graduation project		100
Development of individual work	30.00	0
Study and independent work	6.00	0
Preparation of evaluation activities	19.00	0
Development of a final project	170.00	0
TOTAL	225.00	

TEACHING METHODOLOGY

Development of a Research Project

EVALUATION

Evaluation of memory and oral public presentation of Final Project in court



The evaluation criteria include:

1) Work training capacity = 60%

-Adapting Literature

-Results

-Forms and Figures

-Interpretation of results

-Scientific -Drafting

2) Report and Presentation = 20%

-Format Memory

-Audiovisual -format

3) Defense = 20%

-Exhibition

-Debate

The mentor evaluator will send to the President, prior to the public defense of the final project work, an evaluation report of the following sections:

1) Commitment and interest of the student / a = 15%

2) Degree of autonomy = 40%

- I work freelance

- Ability, organization and decision

-Critical spirit

3) Learning level = 45%



-knowledge acquired

- acquired -competencies

-Ability Writing

-Interpretation of the results

The report of the guardian may have a maximum of 25% of the final mark, as long as the court deems appropriate.

REFERENCES

Basic

- Bibliografía relacionada con el tema del trabajo fin de master