

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

Code	40352
Name	Research Project
Cycle	Master's degree
ECTS Credits	14.0
Academic year	2021 - 2022

Study (s)

Degree	Center	Acad. year	Period
2038 - M.U. en Enfermedades Parasitarias Tropicales 09-V.1	Faculty of Pharmacy and Food Sciences	1	Annual
3145 - Human and Animal Parasitology	Doctoral School	0	First term

Subject-matter

Degree	Subject-matter	Character
2038 - M.U. en Enfermedades Parasitarias Tropicales 09-V.1	4 - Research project	Optional
3145 - Human and Animal Parasitology	1 - Complementos de Formación	Optional

Coordination

Name	Department
TOLEDO NAVARRO, RAFAEL	358 - Pharmacy, Pharmaceutical Technology and Parasitology

SUMMARY

The course Research Work (14 ECTS) includes 350 h of laboratory work and / or fieldwork in an endemic zone, together with bibliographical work and drafting a final thesis. The aim of the subject is to permit students to obtain the skills needed in research work. This subject enables students to critically value, know and apply sources of information related to Parasitology, parasitic diseases and sanitary aspects. Basic training concerning research activities is provided together with the ability to express hypotheses, gather and interpret information to solve problems according to scientific methods, to understand the importance and limitations of scientific thinking with regard to tropical parasitic diseases.

The Thesis will include Introduction, Background, Material and Methods, Results, Discussion, Conclusions and Bibliography. The content will cover a parasitic disease or aspect of it, and will be supervised by one lecturer involved in the teaching of the Master course. It can be compiled either at University of Valencia or at other Spanish or foreign institutions.



In the Virtual Classroom of the subject the guidelines that the student has to follow for the elaboration of the corresponding Report are detailed. The tutor, in agreement with the student, will assign the research work topic to be carried out

PREVIOUS KNOWLEDGE

Relationship to other subjects of the same degree

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

Other requirements

No requirements.

OUTCOMES

2038 - M.U. en Enfermedades Parasitarias Tropicales 09-V.1

- 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 capaces de obtener y de seleccionar la información y las fuentes relevantes para la resolución de problemas, elaboración de estrategias y asesoramiento a clientes.
- Elaborar y manejar los escritos, informes y procedimientos de actuación más idóneos para los problemas suscitados.
- Contemplar en conjunto y tener en cuenta los distintos aspectos y las implicaciones en los distintos aspectos de las decisiones y opciones adoptadas, sabiendo elegir o aconsejar las más convenientes dentro de la ética, la legalidad y los valores de la convivencia social.
- Know how to work in multidisciplinary teams reproducing real contexts and contributing and coordinating their own knowledge with that of other branches and participants.
- Use different presentation formats (oral, written, slide presentations, boards, etc.) to communicate knowledge, proposals and positions.



- Projectar sobre problemas concretos sus conocimientos y saber resumir y extraer los argumentos y las conclusiones más relevantes para su resolución.
- Be able to integrate into teams, both as managers or coordinators and for specific and limited functions and in support of the team or of others.
- Conocer y usar con fluidez las categorías, prescripciones y procedimientos relevantes para cada caso y sus antecedentes y soluciones más significativas.
- Participar en debates y discusiones, y ser capaces de resumirlos y extraer de ellos las conclusiones más relevantes y aceptadas por la mayoría.
- Ser capaz de asumir cualquiera de las tareas y responsabilidades relacionadas con las enfermedades parasitarias humanas: preparación práctica y formación teórica actualizadas de sanitarios para desempeñar trabajos, funciones y cargos de todo tipo y nivel en el amplio campo de la lucha, control, diagnóstico, difusión, enseñanza y estudio de las enfermedades parasitarias en todo el mundo.

LEARNING OUTCOMES

Be able to select and use a scientific method appropriate to the working hypothesis, describing the object, basic hypotheses

and verification and ability to develop and argue an investigation in tropical parasitic diseases.

WORKLOAD

ACTIVITY	Hours	% To be attended
Theory classes	140,00	100
Attendance at events and external activities	5,00	0
Development of individual work	95,00	0
Readings supplementary material	50,00	0
TOTAL	290,00	

TEACHING METHODOLOGY

Imminently practical methodology, by laboratory. Use of individualized methodology and adapted to the student. The tutor,



through discussion of topics, recommendation of readings, participation in support activities, in debate forums and

presentation of contributions, specific methodology courses, coordinates and guides the student's training so that they

acquire the tools of the research activity.

EVALUATION

The evaluation will be made by tutor analysis of the value of a:

- a) Attitude, initiative, participation and level of involvement of the student in the learning process (50%).
- b) Written thesis (50%).

REFERENCES

Basic

- Las obtenidas al realizar búsquedas bibliográficas de artículos de revisión y experimentales de la temática seleccionada en las bases de datos relativas a las actividades del trabajo.

ADDENDUM COVID-19

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

The Investigation work will be carried out adapting the individual protection measures and limiting the capacity. If the health situation worsened, the work will be bibliographic non-attendance. The virtual classroom forum will be used to answer questions.

If any student, due to the COVID19 situation, had to delay their face-to-face incorporation, they will be able to retrieve the theoretical information with materials deposited in the virtual classroom.