

APPLICATIONS IN MEDICAL PARASITOLOGY

CU characterisation:

CU designation:

Applications in Medical Parasitology

Acronym of the scientific area:

CB-P

Duration:

Semester

Begins:

1st April 2025

Working hours:

168

Contact hours:

62

ECTS:

6

Observations:

Specific CU of the specialty in Parasitology

CU coordinator and respective teaching load:

Pedro Cravo - 13 hours

Other professors and respective teaching loads at the CU:

Professors of the UEI of Medical Parasitology at IHMT, to be defined according to the characteristics of the internship proposed for each student.

Learning objectives (knowledge, skills and competences to be developed by students):

With this CU it is intended that students attend and participate in laboratory activity, from the point of view of research, in the laboratories of the three major areas that make up the UEI of Medical Parasitology, Medical Protozoology, Medical Helminthology and Medical Entomology.

Students should rotate through different laboratories in order to get in contact with various laboratory procedures and work methodologies.

A personalized internship will be designed for each student, bearing in mind the knowledge, skills and competences required, with the final objective being the area in which the student intends to develop the doctoral thesis work.

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Syllabus:

These laboratory internships will last for three (3) weeks, for five (5) days a week, with a daily schedule of four (4) hours, from 9am to 1pm and exceptionally from 2pm to 6pm, depending on the availability of the laboratories where the rotation is done. The student, integrated into a research team, should familiarize himself with the lines of research to be developed in each laboratory he will work. Thus, the syllabus of the internship will depend on the laboratories through which the students rotate and on the subjects that the student is most interested in learning.

Teaching methods (including evaluation criteria):

The teaching methodology of this UC includes:

1. Practical laboratory work
2. Tutorial support

Approval in the UC will be obtained if a minimum attendance of classes and a final grade equal to or greater than 10 are observed, on a scale of 0-20. The final classification will be calculated taking into account the classifications obtained in the 1) continuous evaluation of the internship supervisor; 2) in the written report at the end of the internship and 3) the presentation of a theme, according to the following formula:

Final classification UC = (internship supervisor's grade x 0.4) + (written report grade x 0.3) + (topic presentation grade x 0.3).

Bibliography for consultation / mandatory existence:

- W Petters and Geoffrey Pasvol. 2007. Atlas of Tropical Medicine and Parasitology. 6th Edition. Elsevier Science London, UK.
- Garcia L. S. 2007. Diagnostic Medical Parasitology. 5^a edição. ASM Press. Washington, DC, USA.
- Manson's Tropical Diseases. 2002. 21^a edição, Cook G. C. and Zumla A. I. (Ed.), WB Saunders, London, UK.