GENERAL EPIDEMIOLOGY OF PARASITES

CU characterization:

CU name:

General epidemiology of parasites

Scientific area acronym:

EM

Duration:

Semiannual

Working hours:

58

Contact hours:

23

ECTS:

2

Observations:

In this academic year, the classes of this CU were distributed as follows:
T: 9 hours; TP: 13 hours; Assessment: 2 hours.

Teacher in charge and respective teaching load in the CU:

Marta Pingarilho – 24 hours

Other teachers and respective teaching load in the CU:

N/A

Intended learning outcomes (knowledge, skills and competences to be developed by the students):

After this unit, students should be able to:

1. Understand epidemiological concepts and methods.
2. Identify the main study designs in epidemiology.
3. List the advantages and disadvantages of the main study designs.
4. Calculate and interpret key occurrence measures.
5. Calculate and interpret key measures of association and risk.

INSTITUTO DE HIGIENE E MEDICINA TROPICAL
DESDE 1902

GENERAL EPIDEMIOLOGY OF PARASITES

Syllabus:

I. Introduction to Epidemiology
II. Design of epidemiological studies
III. Occurrence measures
IV. Association measures

Teaching methodologies (including assessment):

Expositive lectures are going to be used to present definitions and theoretical aspects of epidemiology. The active method will be used to discuss practical exercises and cases.
Assessment will consist of a final written exam that will cover all course material and will take the form of multiple-answer questions, short-answer questions, true and false questions. Small calculations may be required. The final exam is equivalent to 100% of the final grade for the course. The final grade will be given in a scale from 0 to 20. The student will be considered approved with a grade of 10 or more.
Students with a final grade of less than 10 will be able to take a final written exam whose grade will be equivalent to 100% of the final grade of the course.

References for consultation / mandatory existence:

- Bhopal R. Concepts of epidemiology: an integrated introduction to ideas, theories, principles and methods of epidemiology. Oxford University Press; 2002.
- Gordis L. Epidemiology. 4th ed. Saunders Elsevier; 2009.
- Porta M, Greenland S, Last J. A dictionary of Epidemiology. 5th ed. New York: Oxford University Press; 2008.
- Rothman K. Epidemiology: an introduction. 2nd ed. Oxford University Press; 2012.