



NEGLECTED TROPICAL DISEASES

CU characterization:

CU name:

Neglected Tropical Diseases

Scientific area acronym:

SI

Duration:

Semiannual

Working hours:

28

Contact hours:

8

ECTS:

1

Observations:

Mandatory CU

Teacher in charge and respective teaching load in the CU:

Cláudia Conceição - 9 hours

Other teachers and respective teaching load in the CU:

Rosa Teodósio – 1 hour

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

1. To know the concept of neglected tropical diseases, health programs and global initiatives.
2. To know the concepts of control, elimination and eradication.
3. To know the key interventions for disease control.
4. To know the agents of the diseases and their life cycle, vectors, epidemiology, clinic and treatment.
5. To discuss challenges to the different control strategies.



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Syllabus:

- I. Health systems: concept, objectives, building blocks
Plans and health programs: concept, articulation with health systems (historical component of evolution);
Global health initiatives (GHI): concept and examples.
- II. Neglected tropical diseases
Characteristics of Neglected tropical diseases in general
Concept of control, elimination and eradication; examples
Key interventions
Environmental health and access to quality water, basic sanitation and health education;
- III. Some Neglected Tropical Diseases (agents and their life cycles, vectors, epidemiology, clinic, treatment, control):
Lymphatic filariasis; Onchocerciasis; Dracunculiasis; Schistosomiasis; foodborne trematodiasis; Cysticercosis; Echinococcosis; Rabies; Chagas disease; Trachoma

Teaching methodologies (including assessment):

Theoretical and theory/practical classes, in which the concepts to be communicated will be done with the support of PowerPoint presentations.

Students with at least 2/3 attendance will be evaluated based on a written work with two components. One of the components is presential with a maximum duration of one hour.

References for consultation / mandatory existence:

Bibliography and websites are renewed annually on Moodle.