

**BIOL2272 Parasitology**

[15h+15h exercises] 2.5 credits

This course is taught in the 1st semester

Teacher(s): Frederik Opperdoes
Language: French
Level: Second cycle

Aims

To highlight the consequences of the parasite phenomenon on the evolution in general, the specificity of host-parasite relations, the morphological, physiological and ecological adaptations, as well as those on the synchronization of the activity and development cycle.

Main themes

The different subjects of the course are : medical and economical importance of parasites, biological coevolution of parasites and hosts, main cycles of parasites including the aspects of epidemiology, ecological level of parasite phenomenon, parasitology applied to control of dangerous populations. These phenomena are illustrated by examples chosen in the main groups of parasites : Protozoans, Helminths, Arthropods and occasionally the Vertebrates.

Other credits in programs

BIOL22/A Deuxième licence en sciences biologiques (Biologie moléculaire, cellulaire et humaine) (2.5 credits)