

**BIO1334 Comparative animal physiology**

[35h+15h exercises] 4 credits

This course is taught in the 2nd semester

Teacher(s): Jérôme Mallefet, Claude Remacle
Language: French
Level: First cycle

Aims

The content of the course brings students a study of functions that they have not seen in general courses. Emphasis is put on physiology and morphology of animals. In this context students will particularly pay attention to comparison of solutions brought by different animal groups. Students present a personal work (written and oral presentation) in which they develop a subject chosen in accordance with teachers and discussed with other participants of the course. Seminars (criticism of articles) during the year will allow the student to build up his knowledge in the particular field of study.

Main themes

Examples of themes :

- survival strategies of organisms in extreme conditions such as polar temperatures as well as desert, lack of oxygen, of food
- endocrine growth control and metabolism
- reproduction mechanisms and controls.