



## BIOL2139 Mammal physiology and morphology

[75h+60h exercises] 10.5 credits

This course is taught in the 2nd semester

**Teacher(s):** Jean Lebacq, Jean-François Rees, Claude Remacle, Philippe van den Bosch Sanchez de Aguilar  
**Language:** French  
**Level:** Second cycle

### Aims

To study the way big systems function, focalizing on mammals with a strong emphasis on the human specie, integrating anatomical and histological data necessary to the comprehension of each system.

### Main themes

Systematic teaching (90hrs) will be as little "magistral" as possible, favoring self-learning.

1. Nervous system 2. Endocrinology 3. Circulatory system 4. Respiratory system 5. Digestive system 6. Urinary system 7. Reproduction

Practical work (30hrs) will be spent studying iconographic documents on the aspects of anatomy and histology and on physiology exercises.

Seminaries (30hrs) will stimulate critical thinking, intellectual curiosity and the capacity to outline by discussion, in small groups, of chapters or difficult questions, and by advice on more detailed texts.

### Other information (prerequisite, evaluation (assessment methods), course materials recommended readings, ...)

Prerequisites: General physiology BIOL2121.

Evaluation: oral examination, June and September sessions.

Support: syllabus

### Other credits in programs

<b>BIOL21/A</b>	Première licence en sciences biologiques (Biologie moléculaire, cellulaire et humaine)	Mandatory
-----------------	--	-----------