COURSE DETAIL

HUMAN AND ANIMAL PHYSIOLOGY
Country Netherlands
Host Institution Utrecht University – University College Utrecht
Program(s) University College Utrecht
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Biological Sciences
UCEAP Course Number 108
UCEAP Course Suffix
UCEAP Official Title HUMAN AND ANIMAL PHYSIOLOGY
UCEAP Transcript Title HUMAN & ANIMAL PHYS
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description
In this course the function of the different organ systems in the mammalian body is discussed in depth. Special emphasis is placed on the neural and hormonal regulation of all these organs in order to maintain relatively stable internal conditions (homeostasis), e.g. a constant body temperature or the right balance between energy intake and expenditure. Because many physiological mechanisms are often alike for humans and other mammals, the course uses examples from different mammals. During the lectures the following topics are presented and discussed: CNS, PNS, senses, hormonal regulation/endocrinology, respiration, circulation, kidneys, digestion, energy balance, growth control, reproduction, and development. Students are encouraged to read the relevant chapters from the book before class. Prerequisite for this course is a course on human and animal biology.

Language(s) of Instruction
English

Host Institution Course Number
UCSCIBIO23

Host Institution Course Title
HUMAN AND ANIMAL PHYSIOLOGY

Host Institution Course Details

Host Institution Campus
Sciences

Host Institution Faculty

Host Institution Degree

Host Institution Department
Biology

Course Last Reviewed

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