

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 Campus

Sciences

Host Institution Faculty

Host Institution Degree

Host Institution Department

Biology

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