

# 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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