

COURSE DETAIL

HORMONES AND HOMEOSTASIS

Country

Netherlands

Host Institution

Utrecht University

Program(s)

Utrecht University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences Biochemistry

UCEAP Course Number

103

UCEAP Course Suffix**UCEAP Official Title**

HORMONES AND HOMEOSTASIS

UCEAP Transcript Title

HORMONE & HOMEOSTAS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course deals with the integrative regulation of processes by hormones, in particular the regulation of energy, growth, stress, and reproduction. Basic principles are discussed first, such as homeostasis, hormonal axes, feedback mechanisms, biochemical structure of hormones, and structure and function of their receptors. Then the functional anatomy and histology of the endocrine organs are discussed, followed by the discussion of hormones that play a role in metabolism (including gut hormones and adipocytokines) and during growth, stress, and reproduction. During this course, specific attention is given to academic skills such as analyzing a scientific research paper and writing a scientific paper.

Language(s) of Instruction

English

Host Institution Course Number

BMW21405

Host Institution Course Title

HORMONES AND HOMEOSTASIS

Host Institution Course Details

https://osiris.uu.nl/osiris_student_uuprd/OnderwijsCatalogusZoekCursus.do

Host Institution Campus

Host Institution Faculty

Medicine

Host Institution Degree

Host Institution Department

Biomedical Sciences

Course Last Reviewed

2021-2022

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