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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