

COURSE DETAIL

HORMONES, THE BRAIN, AND BEVAHIOR

Country

Netherlands

Host Institution

Maastricht University - Center for European Studies

Program(s)

Psychology and Neuroscience, Maastricht

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Psychology Health Sciences Biological Sciences

UCEAP Course Number

118

UCEAP Course Suffix**UCEAP Official Title**

HORMONES, THE BRAIN, AND BEVAHIOR

UCEAP Transcript Title

HORMONE BRAIN BEHVR

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course reviews the interrelationships among hormones, the brain, and behavior. Basic endocrine (hormone) system physiology is introduced and the different approaches that researchers take to address questions of hormone-behavior relationships are discussed. The focus is on three large classes of hormones: stress (cortisol), social (oxytocin, vasopressin), and sex hormones (testosterone, estradiol, progesterone). Those hormones are linked to normal behavioral processes such as memory and social behavior as well as to psychiatric conditions such as depression/anxiety and autism spectrum disorder. At the end of this course, students have developed an understanding of a selection of topics related to behavioral neuroendocrinology.

Language(s) of Instruction

English

Host Institution Course Number

PSY3370

Host Institution Course Title

HORMONES, THE BRAIN, AND BEVAHIOR

Host Institution Campus

Maastricht University

Host Institution Faculty

Faculty of Psychology and Neuroscience

Host Institution Degree

Host Institution Department

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