# COURSE DETAIL

| HORMONES, THE BRAIN, AND BEVAHIOR |
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| **Country**<br>Netherlands |
| **Host Institution**<br>Maastricht University - Center for European Studies |
| **Program(s)**<br>Psychology and Neuroscience, Maastricht |
| **UCEAP Course Level**<br>Upper Division |
| **UCEAP Subject Area(s)**<br>Psychology Health Sciences Biological Sciences |
| **UCEAP Course Number**<br>118 |
| **UCEAP Course Suffix** |
| **UCEAP Official Title**<br>HORMONES, THE BRAIN, AND BEVAHIOR |
| **UCEAP Transcript Title**<br>HORMONE BRAIN BEHVR |
| **UCEAP Quarter Units**<br>6.00 |
| **UCEAP Semester Units**<br>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 BEVAHIOUR

**Host Institution Course Details**
https://curriculum.maastrichtuniversity.nl/education/contract/psychology-neuros...

**Host Institution Campus**
Maastricht University

**Host Institution Faculty**
Faculty of Psychology and Neuroscience

**Host Institution Degree**

**Host Institution Department**

**Course Last Reviewed**

2024-2025

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