

# COURSE DETAIL

## PSYCHONEUROPHARMACOLOGY THEORETICAL PART

**Country**

Netherlands

**Host Institution**

Utrecht University

**Program(s)**

Utrecht University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Psychology Biological Sciences Biochemistry

**UCEAP Course Number**

127

**UCEAP Course Suffix**

H

**UCEAP Official Title**

PSYCHONEUROPHARMACOLOGY THEORETICAL PART

**UCEAP Transcript Title**

PSYCONEUROPHARMACGY

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

**Course Description**

The course focuses on the molecular and pharmacological foundations of psychiatric diseases. Based on understanding of the normal brain processes involved in the functioning of the brain (and focusing on regulatory, behavioral, and cognitive aspects of neuroscience), pathological processes in anxiety disorders, mood disorders, and psychotic disorders are covered. Current treatments and new treatment options are part of an endeavor to initiate students in the exciting story of the (dys)functioning brain and its behavioral consequences. Each week expert lectures illustrate relevant topics in each domain studied. Several psychiatric disorders are explained from a clinical perspective by a psychiatrist and from a neurobiological perspective by a researcher in that particular area. The process of conducting an experiment to presenting the scientific data is reviewed. Students work individually or in small groups on each (CNS disease) topic and produce weekly products (presentations). Participants write a publication and get a walkthrough of the scientific review process. All this is performed in the framework of the development of new innovative therapeutics for CNS disorders.

**Language(s) of Instruction**

English

**Host Institution Course Number**

FA-CPS336T

**Host Institution Course Title**

PSYCHONEUROPHARMACOLOGY THEORETICAL PART

**Host Institution Course Details**<https://cursusplanner.uu.nl/Curriculum>**Host Institution Campus**

Utrecht University

**Host Institution Faculty**

Faculty of Science

**Host Institution Degree****Host Institution Department**

Pharmacy

**Course Last Reviewed**

2024-2025

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