

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

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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 Campus

Utrecht University

Host Institution Faculty

Faculty of Science

Host Institution Degree

Host Institution Department

Pharmacy

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