

COURSE DETAIL

NEUROPHARMACOLOGY

Country

United Kingdom - Scotland

Host Institution

University of St Andrews

Program(s)

University of St Andrews

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Psychology Biological Sciences

UCEAP Course Number

150

UCEAP Course Suffix**UCEAP Official Title**

NEUROPHARMACOLOGY

UCEAP Transcript Title

NEUROPHARMACOLOGY

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

The course introduces students to pharmacology, which can be defined as the study of the actions of drugs. The course has a strong focus on the nervous system. The basic principles of pharmacology are covered, including drug interactions with specific receptors in target tissues and pharmacokinetics. Students learn how drugs work and become familiar with pharmacological concepts and terminology. Students also consider the drug development process and the many ways in which new therapeutics are designed and developed. The effects of different classes of drugs upon the peripheral and central nervous systems and on different neurotransmitter pathways are covered. How drugs can be used to understand the function of these systems and to alleviate their malfunctioning in various diseases and afflictions is explained.

Language(s) of Instruction

English

Host Institution Course Number

PN3312

Host Institution Course Title

NEUROPHARMACOLOGY

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Psychology and Neuroscience

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