

# 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 Course Details

[https://www.st-andrews.ac.uk/subjects/modules/catalogue/?code=PN3312&academic\\_y...](https://www.st-andrews.ac.uk/subjects/modules/catalogue/?code=PN3312&academic_y...)

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Psychology and Neuroscience

## Course Last Reviewed

2023-2024

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