

COURSE DETAIL

INTRODUCTORY PHARMACOLOGY AND TOXICOLOGY

Country

Australia

Host Institution

University of New South Wales

Program(s)

University of New South Wales

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Chemistry

UCEAP Course Number

119

UCEAP Course Suffix**UCEAP Official Title**

INTRODUCTORY PHARMACOLOGY AND TOXICOLOGY

UCEAP Transcript Title

INTRO PHARM TOXICOL

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course examines the basic principles of pharmacology with an emphasis on drug action from the molecular and cellular levels to tissue, organ and whole organism levels. It will provide an understanding of the principles of drug action (pharmacodynamics) in terms of drug chemistry, drug-receptor interaction, receptor theory and dose-response relationships. An introduction to receptor-mediated signal transduction, membrane receptors and autonomic pharmacology will be covered. The handling of drugs by the body through the processes of absorption, distribution, metabolism and excretion (pharmacokinetics) will be covered in some detail along with drug analysis and the adverse effects of drugs.

Language(s) of Instruction

English

Host Institution Course Number

PHAR2011

Host Institution Course Title

INTRODUCTORY PHARMACOLOGY AND TOXICOLOGY

Host Institution Course Details

<http://www.handbook.unsw.edu.au/undergraduate/courses/2015/PHAR2011.html>

Host Institution Campus

Sydney

Host Institution Faculty

Medicine and Health

Host Institution Degree

Host Institution Department

Course Last Reviewed

2025-2026

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