

Course Overview



Course Information

Code: PHL-436

Title: Pharmacology IV

Cr hr: 2+0

Level: 8

Program: PharmD

Co-requisites: None

Prerequisites: PHL-435

Course Description

The course aims to develop the student's ability to implement individualized pharmaceutical care for people receiving chemotherapy including immunotherapy and to identify and manage common side effects and drug-drug interactions, using current evidence-based practices. This course will provide an introduction to the principles of chemotherapy and to examine the mechanisms by which drugs may have anticancer effects and immunomodulating effects. This course also focused to develop pharmacological knowledge on drugs commonly used in pediatrics, geriatrics and pregnant patients.

Topics

- Anti-mycobacterial drugs
- Dermatological pharmacology
- Anthelmintic drugs
- Antiprotozoal drugs
- Antiviral agents
- Cancer chemotherapy
- Immunopharmacology
- Development and regulation of drugs
- Drugs used in pregnancy
- Drugs used in pediatric and geriatric pharmacology