

Curriculum of Practical Pharmacology

June 2025

A- 1st semester:

Topics	Credit
Introduction	3 hours
Dosage forms	3 hours
Routes of administration	3 hours
Pharmacokinetics	3 hours
Pharmacodynamics	3 hours
Types of drug interactions	3 hours
Audiovisual	3 hours
Effect of atropine on human volunteers	3 hours
Curare- Physostigmine drug antagonism	3 hours
Problem solving	3 hours
Investigation of B-blockers response on CVS in human	3 hours
Effects of nitrates on human volunteers	3 hours
Effect of drugs on human eye	3 hours
Local anesthesia	3 hours
Problem solving	3 hours
Fill in the gaps	3 hours

B- 2nd semester:

Topics	Credit
Effects of drugs on blood pressure	3 hours
Effect of smoking on CVS	3 hours
Problem solving	3 hours
Effect of histamine on human skin	3 hours
Drugs causes changes in the color of urine	3 hours
Audio visual	3 hours
Types of insulin	3 hours
Using of steroids in diagnosis	3 hours
Audio visual	3 hours
Culture and Sensitivity test	3 hours
Drugs used in the treatment of corona virus	3 hours
Problem solving	3 hours
Prescription writing	3 hours
Application prescription writing	3 hours
Fill in the gaps	3 hours