

**SCHEME OF STUDIES
FOR
M.PHIL PHARMACOLOGY
(Semester System)**

<u>Semester-I (12 Credit Hours)</u>		
Paper	Title	Credit Hours
1	Pharmacology-I (Theory + Practical)	3+1
2	Pharmacology-II (Theory + Practical)	3+1
3	Pharmacology-III (Theory + Practical)	3+1
<u>Semester-II (12 Credit Hours)</u>		
4	Pharmacology-IV (Theory + Practical)	3+1
5	Pharmacology-V (Theory + Practical)	3+1
6	Biostatistics	4
<u>Semester-III and IV</u>		
7	Research Thesis	200 Marks

Department of Pharmacy

The Islamia University of Bahawalpur

Course Title: **Pharmacology-III**

Teacher Name: **Dr. Muhammad Asif**

Semester/ Year: **1st semester**

Paper III

Lec. #	Week	Topic	Sig.
March 2020			
1	4	Introduction to principles of toxicity.	
2	4	Acetaminophen induced toxicities	
April 2020			
3	1	Aspirin and Reyes syndrome, mechanism and management of toxicity	
4	1	Organophosphates induced toxicity and its management	
5	1	Ergot alkaloids induced toxicity and its management	
6	2	Beta blocker induced toxicity and its management	
7	2	Carbamates induced toxicity and its management	
8	2	Zolpidem induced toxicity and its management	
9	3	Toxicological Studies as per OECD Guidelines	
10	3	OECD-414 Guidelines For Teratogenicity	
11	3	Bacterial Reverse Mutation Test Or Ames test (Mutagenicity)	
12	4	Sub-Acute Toxicity Study or Repeated Dose 28-day Oral toxicity Study in Rodents (OECD TG 407)	
13	4	Repeated Dose 90-Day Oral Toxicity Study In Rodents	
14	4	Quiz	

Teacher's Signature: _____

Date: 27/03/2020

Note: The outline is designed for online lectures keeping in view current epidemic situation and with a hope that it will be resolved in the month of April with Allah's will.