

Course Schedule: Wednesdays 6-9 PM, Room MSB –B-556

Instructor: Martha C. Nowycky, Ph.D

Date/Instructor	Content Module	Assignment
Week 1 09/07/ Martha C Nowycky, Ph.D.	Introduction: Basic Concepts in Pharmacology	Read: Levine Ch. 2-3, and Ch 4- pgs 61-69 Pandit: Ch 1; Ch 2 Review: Handout for Week 1
Week 2 9/14/ Joshua R. Berlin, Ph.D.	Pharmacodynamics	Read: Levine, Ch 9 Pandit: Ch 4, Ch 12 Hernandez: Ch 5, 10 Review: Handouts for Week 2
Week 3 9/21/ Joshua R. Berlin, Ph.D.	Pharmacokinetics I. Absorption and Distribution	Read: Levine, Ch 4-6 Pandit: Ch 8, Ch 9, Ch 11 Hernandez: Ch 5 Review: Handouts for Week 3
Week 4 9/28/ Eldo Kuzhikandathil, Ph.D.	Drug-Receptor Interactions	Read: Levine, Ch 9 Pandit: Ch 6, Ch 16 Hernandez: Ch 8, 10 Review: Handout for Week 4
Week 5 10/05/ Eldo Kuzhikandathil, Ph.D.	G-Protein Coupled Receptors	Read: Hernandez: Ch 11 Review: Handouts for Week 5
Week 6 10/12/ Martha C. Nowycky, Ph.D.	Ion/ Ligand-Gated Channels	Read: Pandit: Ch 15 Hernandez: Ch 11 Review: Handouts for Week 6
Week 7 10/19	IN-CLASS MIDTERM	
Week 8 10/26/ Joshua R. Berlin, Ph.D.	Pharmacokinetics II. Biotransformation and Termination	Read: Levine, Ch 7, Ch 8 Pandit: Ch 12, 13 Hernandez: Ch 6, Ch 7 Review: Handouts for Week 8
Week 9 11/02/ Joshua R. Berlin, Ph.D.	Clinical Pharmacokinetics	Read: Levine, Ch 10 Review: Handouts for Week 9
Week 10 11/9/	Drug Design	Read: Pandit: Ch 7 Review: Handouts for Week 10

Eldo Kuzhikandathil, Ph.D		
Week 11 11/16/ Ruokun Wang, Ph.D	Drug toxicity	Read: Levine, Ch 13 Review: Handouts for Week 11
Week 12 11/23	NO CLASS	
Week 13 11/30/ Barbara H. Gladson PhD PT	Drugs & physiological Function – Autonomic Nervous System	Read: Levine, Ch 14 Hernandez: Ch 8 Review: Handouts for Week 13
Week 14 12/07/ Martha C. Nowycky, Ph.D.	Variability of Response	Read: Levine, Ch 11, Ch 12 Pandit: Ch 18, 19, 20 Review: Handouts for Week 14
Week 15 12/14/	IN-CLASS Final	