College of Pharmacy
Guidance Plan of the Doctor of Pharmacy Program

First Year		Second Year			Third Year			Fourth Year			Fifth Year		Sixth Year (APPE)	
1	2	3	4	S	5	6	S	7	8	S	9	10	11	12
Introduction to Pharmacy & Pharmacy Law (3 hrs.)	Physics 1 (3 hrs.)	Pharmaceutics 1 (3 hrs.)	Pharmaceutics 2 (3 hrs.)	IPPE-1 (0203291) (2 hrs.)	Pharmaceutics 3 (3 hrs.)	Pharmaceutical Compounding & Calculations (3 hrs.)	IPPE-2 (0203390) (3 hrs.)	Complementary and Alternative Medicine (3 hrs.)	Biopharmaceutics & Pharmacokinetics (4 hrs.)	Industrial Pharmacy Training (2 hrs.)	Advanced Pharmacotherapy 1 (3 hrs.)	Advanced Pharmacotherapy 4 (3 hrs.)	Clinical Rotation - Internal Medicine 1 (5 hrs.)	Clinical Rotation - Internal Medicine 2 (5 hrs.)
Chemistry (3 hrs.)	Pharmaceutical Organic Chemistry 1 (3 hrs.)	Pharmaceutical Organic Chemistry 2 (2 hrs.)	Medicinal Chemistry 1 (4 hrs.)		Medicinal Chemistry 2 (3 hrs.)	OTC Medications and Patient Counseling (3 hrs.)		Pharmacogenomics and Precision Medicine (2 hrs.)	Islamic Culture (3 hrs.)		Directed Research 1 (2 hrs.)	Directed Research 2 (2 hrs.)	Clinical Rotation - Surgery (5 hrs.)	Clinical Rotation - Emergency Care (5 hrs.)
Biology (3 hrs.)	Human Anatomy & Physiology (4 hrs.)	UAE Studies (3 hrs.)	Pharmacology 1 (3 hrs.)		Pharmacology 2 (3 hrs.)	Pharmacology 3 (3 hrs.)		Pharmacovigilance & Toxicology (3 hrs.)	Pharmaceutical Management & Marketing (3 hrs.)		Clinical Skills 1 (2 hrs.)	Clinical Skills 2 (2 hrs.)	Clinical Rotation - Ambulatory (5 hrs.)	Clinical Rotation - Oncology (5 hrs.)
Calculus 1 (3 hrs.)	Fundamentals of Innovation & Entrepreneurship (3 hrs.)	Microbiology & Immunology (3 hrs.)	Pharmaceutical Analytical Chemistry (4 hrs.)		Pharmacoepidemiology & Biostatistics (2 hrs.)	Pharmacy Practice & Pharmaceutical Care (3 hrs.)		Pharmacoeconomics (2 hrs.)	Pharmacotherapy 4 (3 hrs.)		Advanced Pharmacotherapy 2 (3 hrs.)	Healthcare System and Interprofessional Practice (2 hrs.)	Clinical Rotation - Critical Care (5 hrs.)	Elective Clinical Rotation (5 hrs.)
Computer Skills (3 hrs.)	English Technical Writing for Health Students (3 hrs.)	Biochemistry (3 hrs.)	Principles of Financial Accounting (3 hrs.)		Pharmacotherapy 1 (3 hrs.)	Pharmacotherapy 2 (3 hrs.)		Pharmacotherapy 3 (3 hrs.)	Scientific Research Methodology (3 hrs.)	IPPE-3 (3 hrs.)	Advanced Pharmacotherapy 3 (3 hrs.)	Social Pharmacy & Public Health (3 hrs.)		
English 1 (3 hrs.)		Arabic Language (3 hrs.)			Principles of Microeconomics (3 hrs.)			Medication Info. & Literature Evaluation (3 hrs.)	AI & Digital Pharmacy (2 hrs.)		Clinical Pharmacokinetics & Therapeutic Drug Monitoring (2 hrs.)	Elective Course (3 hrs.)		
18	16	17	17	2	17	15	3	16	18	5	15	15	20	20
34		36			35			39			30		40	
214														