

	competency	Foundational Knowledge	Pharmacy Practice	Patient Care Competencies	Industrial and Pharmaceutical Formulation Competencies	Personal and professional Development Competencies	Pharmacy Laws Regulations and Ethics
	Course	A	B	C	D	E	F
1	Microbiology I	√		√	√	√	
2	Microbiology lab	√		√	√	√	
3	Pharmaceutical Legislation & Ethics						√
4	Physical Pharmacy	√			√		
5	Pharmaceutics I		√		√		
6	Pharmaceutics I lab.	√	√		√		
7	Microbiology II	√		√	√	√	√
8	Pharmaceutics II		√		√		
9	Pharmaceutics II lab.		√	√	√		
10	Industrial Pharmacy		√		√		
11	Industrial Pharmacy lab		√		√		
12	Biopharmaceutics			√	√		
13	Pharmaceutical Technology				√		
14	Cosmetic Preparations		√	√	√		
15	Pharmaceutical Marketing		√	√		√	√
16	Pharmaceutical Biotechnology				√		
17	Pharmaceutical Biostatistics					√	
18	Management & Accounting for Pharmacists					√	√
19	Parasitology	√	√	√			
20	Anatomy & Histology	√	√			√	
21	Biochemistry I	√		√			
22	Biochemistry lab	√		√	√	√	
23	Physiology I	√		√			
24	Physiology II	√		√			
25	Physiology lab.	√		√			
26	Biochemistry II	√		√			
27	Pharmacology I		√	√		√	
28	Pathology & Pathophysiology			√		√	
29	Pharmacology II		√	√		√	
30	Pharmacology lab					√	√
31	Pharmacology III		√	√		√	
32	Pharmacokinetics	√		√		√	
33	Pharmacokinetics lab	√		√		√	
34	Training I		√	√		√	√
35	Clinical Pharmacy and Therapeutics I		√	√		√	√
36	Toxicology		√	√		√	√
37	Over The Counter Drugs		√	√		√	√
38	Clinical Biochemistry			√		√	
39	Clinical Biochemistry lab			√		√	
40	Training II		√	√		√	√
41	Clinical Pharmacy & Therapeutics II		√	√		√	√
42	Clinical Pharmacy & Therapeutics lab		√	√		√	√
43	Pharmacoeconomics			√		√	√
44	Immunology	√		√			
45	Selected Topics in Therapeutics		√	√		√	√
46	Hospital Pharmacy Practice		√	√		√	√
47	Introduction in Molecular Biology	√		√		√	
48	Pharmaceutical Organic Chemistry I	√		√	√	√	
49	Pharmaceutical Organic Chemistry II	√		√	√	√	
50	Pharmaceutical Organic Chemistry lab				√	√	
51	Pharmaceutical Analytical Chemistry				√	√	
52	Pharmaceutical Analytical Chemistry lab				√	√	
53	Instrumental Analysis & Drug Identification				√	√	
54	Instrumental Analysis & Drug Identification lab				√	√	
55	Medicinal Chemistry I	√		√		√	
56	Medicinal Chemistry II	√		√		√	
57	Medicinal Chemistry lab			√		√	
58	Phytochemistry	√		√		√	
59	Phytochemistry lab	√		√		√	
60	Drug Design	√			√	√	√
61	Phytotherapy		√	√			
62	Screening of Medicinal Plants			√		√	
63	Research Methodology					√	√