

Advisory Plan (Pharmacy Program)

First Year – First Semester		
Course No	Course Name	C.H.
10231114	General Chemistry for Health Sciences	3
10231115	General Chemistry Lab for Health Sciences	1
7227206	Pharmacy Ethics and Professionalism	1
7101204	Anatomy for Pharmacy	3
7104110	General Biology for Pharmacy	3
11000102	Arabic Language	3
11000117	Leadership and Communication Skills	1
Total: 15		

First Year – Second Semester		
Course No	Course Name	C.H.
10231217	Analytical Chemistry for Pharmacy	2
10231218	Practical Analytical Chemistry for Pharmacy	1
7105405	Pharmaceutical Microbiology	3
7106204	Public Health and Pharmacoepidemiology	3
7304504	Pharmaceutical Calculations	2
	University Compulsory Course	6
Total: 17		

Second Year – First Semester		
Course No	Course Name	C.H.
7104210	Principles of General and Metabolic Biochemistry	3
10231251	Pharmaceutical Organic Chemistry 1	3
10231255	Pharmaceutical Organic Chemistry Laboratory	1
7102205	Physiology for Pharmacy I	4
7304201	Physical Pharmacy I	3
	University Compulsory Course	3

Total: 17

Second Year - Second Semester

Course No	Course Name	C.H.
10231252	Pharmaceutical Organic Chemistry 2	3
7304203	Physical Pharmacy II	2
7102206	Physiology for Pharmacy II	2
7109306	Pharmacology for Pharmacy 1	3
7103906	Immunology for Pharmacy	2
7304204	Physical Pharmacy Lab.	1
	University Compulsory Course	3
	Major Elective Course	2
Total: 18		

Third Year – First Semester

Course No	Course Name	C.H.
7103119	Pathology	2
7109307	Pharmacology for Pharmacy II	3
7303110	Medicinal Chemistry I	3
7303306	Pharmacognosy	3
10216238	Pharmaceutical Statistics	2
7303307	Pharmacognosy Lab.	1
7302301	Communication Skills	1
	University Compulsory Course or Major Elective Course	3
Total: 18		

Third Year – Second Semester

Course No	Course Name	C.H.
7304301	Pharmaceutics I	4
7303111	Medicinal Chemistry II	3
7104220	Clinical Biochemistry	1
7303304	Photochemistry	3
7303906	Research Methods in Pharmacy	3
7109308	Pharmacology for Pharmacy III	2
7301211	Clinical Nutrition and Nutraceuticals	2
Total: 18		

Fourth Year – First Semester		
Course No	Course Name	C.H.
7304401	Industrial Pharmacy	3
7304501	Pharmacokinetics	3
7304302	Pharmaceutics II	4
7301406	Clinical Pharmacy I	3
7301403	Pharmaceutical care	3
7303112	Medicinal Chemistry III	2
Total: 18		

Fourth Year – Second Semester		
Course No	Course Name	C.H.
7301408	Cases in Clinical Toxicology	3
7301503	Clinical Pharmacy II	3
7301504	Drug Information	2
7302501	Pharmaceutical Legislation	1
7302507	Over-the-Counter Medications	2
10231317	Pharmaceutical Instrumental Analysis	3
7303911	Clinical Pharmacokinetics	2
10231318	Practical Pharmaceutical Instrumental Analysis	1
7304303	Pharmaceutics I Lab.	1
Total: 18		

Fourth Year – Summer Semester		
Course No	Course Name	C.H.
700502	Research Project for Pharmacy	3
7302505	Community Pharmacy Clerkship	3
11000108	Community Service	1
Total: 7		

Fifth Year – First Semester		
Course No	Course Name	C.H.
7303901	Pharmaceutical Marketing and Drug Promotion	2
7303902	Pharmaco- and Economics Use of Drugs	2

7303903	Computer Applications and Artificial Intelligence in Pharmacy	2
7304304	Cosmetics	2
7304305	Cosmetics Lab.	1
7304402	Industrial Pharmacy Lab	1
7303505	Pharmaceutical Quality Control	1
	University Compulsory Course	2
Total: 13		

Fifth Year – Second Semester
Completion of Pharmacy Internship. 2 hours of College Elective. At the end of the second semester, the graduation project is discussed, and students take the Pharmacy Internship Examination.

