Advisory Study Plan
Pharmacy

2026/2027

First Year							
First Semester				**Second Semester**			
Course No.	**Course**	**Credit hours**	**Pre-requisite**	**Course No.**	**Course**	**Credit hours**	**Pre- requisite**
0216122	Mathematics and biostatistics	3	—	0510120	Pharmaceutical Organic Chemistry (1)	3	0216145
0216145	General Chemistry for Health Sciences	3	—	0521122	Anatomy and Physiology (1)	3	0216155
0216155	General Biology for Health Sciences	3	—	0521124	Pharmaceutical Analytical Chemistry	3	0216145
	University Requirement Compulsory or Elective	3		0510123	Pharmaceutical Analytical Chemistry-practical	1	Co-requisite 0521124
	University Requirement Compulsory or Elective	3			University Requirement Compulsory or Elective	3	
					University Requirement Compulsory or Elective	3	
					Note: The student should register the remedial courses in case of not passing th placement test for each.		
Total = 15				**Total = 16**			

Second Year							
First Semester				**Second Semester**			
Course No.	**Course**	**Credit hours**	**Pre-requisite**	**Course No.**	**Course**	**Credit hours**	**Pre-requisite**
0521211	Pharmaceutical Organic Chemistry (2)	2	0510120	0510220	Pharmaceutical Biochemistry	3	0521211
0510205	Pharmaceutical Organic Chemistry-practical	1	Co-requisite 0521211	0510223	Medical Pharmacognosy	3	0521211
0510206	Pharmaceutical Instrumental Analysis	3	0521124	0510222	Pharmacognosy and Phytochemistry-practical	1	Co-requisite 0510223
0510207	Pharmaceutical Instrumental Analysis-practical	1	Co-requisite 0510206	0520303	Pharmaceutics (1)	3	0520224
0521216	Anatomy and Physiology (2)	3	0521122	0520300	Pathophysiology	3	0521216
0520224	Physical Pharmacy	3	02+0216122 16099		University Requirement Compulsory or Elective	3	
	University Requirement Compulsory or Elective	3					
Total = 16				**Total = 16**			

Third Year							
First Semester				**Second Semester**			
Course No.	**Course**	**Credit hours**	**Pre-requisite**	**Course No.**	**Course**	**Credit hours**	**Pre-requisite**
0510310	Pharmaceutical Medicinal Chemistry (1)	3	0521211	0510325	Pharmaceutical Medicinal Chemistry (2)	3	0510310
0520322	Pharmaceutics (2)	3	0520303	0520430	Cosmetics	2	0520322
0520324	Pharmaceutics - practical	1	Co-requisite 0520322	0521323	Pharmacology (2)	3	0521314
0521314	Pharmacology (1)	3	0520300	0520325	Pharmaceutical Microbiology	2	0520301
0520301	Microbiology and Immunology	3	0510220	0510415	Clinical Biochemistry	3	0510220
0520302	Microbiology and Immunology - practical	1	Co-requisite 0520301	0510416	Clinical Biochemistry - practical	1	Co-requisite 0510415
	University Requirement Compulsory or Elective	3			University Requirement Compulsory or Elective	3	
Total = 17				**Total = 17**			

Fourth Year							
First Semester				**Second Semester**			
Course No.	**Course**	**Credit hours**	**Pre- requisite**	**Course No.**	**Course**	**Credit hours**	**Pre- requisite**
0521414	Pharmaceutical Medicinal Chemistry (3)	3	0510325	0520431	Biopharmaceutics and Pharmacokinetics	3	0521323
0521412	Pharmaceutical Medicinal Chemistry-practical	1	Co-requisite 0521414	0521423	Clinical Pharmacy and Therapeutics (1)	3	0521323
0521324	Pharmacology (3)	3	0521323	0521427	Advanced Pharmaceutical Technology	3	0520420
0520420	Industrial Pharmacy	3	0520322	0520425	Pharmaceutical Technology – practical	1	Co-requisite 0521427
0521417	Pharmacy Training I	3	0521314 & passing 90 credit hours	0521518	Pharmacy Practice & Pharmaceutical Communication Skills	3	0521314
	University Requirement Compulsory or Elective	3		0521415	Clinical Toxicology	3	0521314
Total = 16				**Total = 16**			

Fifth Year							
First Semester				**Second Semester**			
Course No.	**Course**	**Credit hours**	**Pre req.**	**Course No.**	**Course**	**Credit hours**	**Pre- requisite**
0521512	Clinical Pharmacy and Therapeutics (2)	3	0521423	0521521	Clinical Pharmacy and Therapeutics (3)	3	0521423 + 0521324
0510513	Pharmaceutical Biotechnology	3	0510415	0521525	Pharmacoeconomics & Pharmaceutical Marketing	3	passing 90 credit hours
0520516	Clinical Pharmacokinetics	2	0520431	0521519	Artificial intelligence in Pharmacy	3	0216122 & passing 90 credit hours
0520517	Clinical Applications in Pharmacokinetics – practical	1	Co-req 0520516	0521418	Over-the- counter (OTC) medications	2	0521323
0521528	Regulatory Affairs & Pharmaceutical Legislations	2	passing 90 credit hours		Elective Core Requirement	3	
0521517	Pharmacy Training II	3	0521417				
	Elective Core Requirement	3					
Total = 17				**Total = 14**			