

**First Year – 1<sup>st</sup> semester**

	Course Title	Credit hour	Theory	Lab	Tutorial /practical	Pre-Request	Notes
1	General chemistry I	3	2	1			
2	Pharmacy history & orientation	2	2				
3	Cell Biology	3	2	1			
4	English language I	2	2				
5	Computer skills	3	2	1			
6	Arabic language I	2	2				
7	Islamic culture	2	2				
	<b>Total credit</b>	<b>17</b>	<b>14</b>	<b>3</b>			

**First Year:2<sup>nd</sup> semester**

	Course Title	Credit hour	Theory	Lab	Tutorial /practical	Pre-Request	Notes
1	General chemistry II	3	2	1		General chem 1	
2	Anatomy	2	1	1			
3	Botany & Medicinal plants	3	2	1			
4	English language II	2	2				
5	Arabic language II	2	2				
6	Microbiology & Parasitology	3	2	1			
7	Pharmaceutical Calculation	2	2				
	<b>Total credit</b>	<b>17</b>	<b>13</b>	<b>4</b>			

**Second Year- 1<sup>st</sup> semester**

	Course Title	Credit hour	Theory	Lab	Tutorial /practical	Pre-Request	Notes
1	Organic chemistry I	3	2	1			
2	Analytical chemistry	3	2	1			
3	Physical pharmacy	3	2	1			
4	Pharmacognocny I	3	2	1			
5	Physiology I	3	2	1			
6	Medical terminology	1	1				
7	Pharmaceutics I	3	2	1			
	<b>Total credit</b>	19	13	6			

**Second Year- 2<sup>nd</sup> semester**

	Course Title	Credit hour	Theory	Lab	Tutorial /practical	Pre-Request	Notes
1	Organic chemistry II	3	2	1			
2	Instrumental Analyses	3	2	1			
3	Pharmacognocny II	3	2	1			
4	Physiology II	2	2				
5	Immunology	1	1				
6	Pharmaceutics II	3	2	1			
7	Biochemistry I	3	2	1			
	<b>Total credit</b>	18	13	5			

**Third Year – 1<sup>st</sup> semester**

	Course Title	Credit hour	Theory	Lab	Tutorial /practical	Pre-Request	Notes
1	Pharmaceutical Microbiology	3	2	1			
2	Medicinal chemistry I	3	2	1			
3	Pathophysiology	2	2				
4	Pharmacology I	3	2	1			
5	Pharmaceutics III	3	2	1			
6	Biochemistry II	3	2	1			
	<b>Total credit</b>	<b>17</b>	<b>12</b>	<b>5</b>			

**Third Year – 2<sup>nd</sup> Semester**

	Course Title	Credit hour	Theory	Lab	Tutorial /practical	Pre-Request	Notes
1	Pharmacology II	3	2	1			
2	Medicinal chemistry II	3	2	1			
3	Phytochemistry I	3	2	1			
4	Biopharmaceutics	2	2				
5	First Aid	1	1				
6	Pharmacokinetics	2	2				
7	Clinical skills & interpretation of Lab tests	2	2				
8	Pharmaceutical care	2	2				
	<b>Total credit</b>	<b>18</b>	<b>15</b>	<b>3</b>			

**Forth Year- 1<sup>st</sup> semester**

	Course Title	Credit hour	Theory	Lab	Tutorial /practical	Pre-Request	Notes
1	Pharmacology III	3	2	1			
2	Clinical Pharmacology	2	2				
3	Medicinal chemistry III	3	2	1			
4	Clinical Toxicology	3	2	1			
5	Pharmacy Administration	1	1				
6	Professional Communication	1	1				
7	Phytochemistry II	3	2	1			
8	Biostatistics & Research Methods	2	2				
	<b>Total credit</b>	<b>18</b>	<b>14</b>	<b>4</b>			

**Forth Year- 2<sup>nd</sup> Semester**

	Course Title	Credit hour	Theory	lab	Tutorial /practical	Pre-Request	Notes
1	Applied pharmacognosy	3	2	1			
2	Pharmacotherapy of Cardiovascular, Renal, and Urologic Disorders	3	2		1		
3	Pharmacotherapy of Endocrine and Dermatologic Disorders	3	2		1		
4	Hospital pharmacy	1	1				
5	Drug delivery systems	2	2				
6	Public health & preventive medicine	1	1				
7	Drug information	2	1		1		
8	Drug marketing	1	1				
9	Pharmaceutical Biotech	2	2				
	<b>Total credit</b>	<b>18</b>	<b>15</b>	<b>1</b>	<b>1</b>		

**Fifth Year- 1<sup>st</sup> Semester**

	Course Title	Credit hour	Theory	Lab	Tutorial /practical	Pre-Request	Notes
1	Pharmacotherapy of Gastrointestinal, Respiratory, and Rheumatic Disorders	3	2		1		
2	Pharmacotherapy of Neurologic and Psychiatric Disorders	3	2		1		
3	Pharmacotherapy of Infectious Diseases	3	2		1		
4	Pharmacotherapy of Oncologic and Hematologic Disorders	3	2		1		
5	Non-prescription Pharmacotherapy	3	2		1		
6	Introduction to Pharmacogenetics	1	1				
7	Introductions to Pharmacoepidemiology & Pharmacoconomics	1	1				
8	Pharmacy law & ethics	1	1				
	<b>Total credit</b>	<b>18</b>	<b>13</b>		<b>5</b>		

**Fifth Year- 2<sup>nd</sup> semester**

	Course Title	Credit hour	Theory	Lab	Tutorial /practical	Pre-Request	Notes
1	Clinical pharmacy training	9			9		
2	Community pharmacy training	3			3		
3	Research project	2			2		
	<b>Total credit</b>	<b>14</b>			<b>14</b>		Sum of Total Credits=174