

F. Distribution of Courses according to Semesters							
#	Course Code	Level 1 / Semester 1	Credit hours				Total Credit Hours
		Course Name	Theoretical	Seminar	Practical	Training	
1	06.11.205	Islamic Culture	2				2
2	06.11.203	English Language	4				4
3	06.11.201	Arabic language	4				4
4	06.11.208	Medical Physics	2				2
5	02.04.243	General Chemistry	2				2
6	04.01.218	Medical Terminology	2				2
7	04.01.217	Fundamentals of Nursing	2		2		3
8	05.02.224	Medical Ethics	2				2
Total			20		2		21
<b>Total of Credit Hours</b>							<b>21</b>

#	Course Code	Level 1 / Semester 2	Credit Hours				Total
		Course Name	Theoretical	Seminar	Practical	Training	
1	03.01.207	Biochemistry-I	2		2		3
2	01.01.202	Histology	2		2		3
3	03.01.208	Fundamentals of Nutrition	2				2
4	05.03.221	Computer Skills	2		2		3
5	01.01.201	Anatomy	2		2		3
6	05.01.220	Communication skills	2				2
7	01.01.203	Physiology-I	2				2
Total			14		8		18
<b>Total of Credit Hours</b>							<b>18</b>

#	Course Code	Level 2 / Semester 1	Credit Hours				Total
		Course Name	Theoretical	Seminar	Practical	Training	
1.	03.02.210	General Microbiology	2		2		3
2.	03.01.213	Biochemistry-II	2		2		3
3.	03,01,315	Molecular Biology	2				2
4.	03.02.211	Fundamental of Immunology	2				2
5.	01.01.205	General Pathology	2		2		3
6.	03.04.212	Parasitology	2		2		3
7.	1.01.206	Physiology II	2				2
Total			14		8		18
<b>Total of Credit Hours</b>							<b>18</b>

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#	Course Code	Level 2 / Semester 2	Credit Hours				Total
		Course Name	Theoretical	Seminar	Practical	Training	
1.	02.03.236	Pharmacology-I	2				2
2.	03.01.216	Biochemistry-III	2		2		3
3.	02.04.244	Pharmaceutical Organic Chemistry-I	2		2		3
4.	05.02.222	Medical statistics	2				2
5.	02.04.246	Pharmaceutical Analytical Chemistry	2		2		3
6.	02.02.227	Physical Pharmacy	2		2		3
Total			12		8		16
<b>Total of Credit Hours</b>			<b>16</b>				

#	Course Code	Level 3 / Semester 1	Credit Hours				Total
		Course Name	Theoretical	Seminar	Practical	Training	
1.	02.04.247	Pharmaceutical analytical chemistry (2)	2		2		3
2.	02.02.229	Pharmaceutics-I	2		2		3
3.	02.04.249	Pharmacognosy	2		2		3
4.	02.04.245	Pharmaceutical Organic Chemistry-II	2		2		3
5.	02.03.237	Pharmacology-II	2				2
6.	02.01.211	Clinical Nutrition	2				2
Total			12		8		16
<b>Total of Credit Hours</b>			<b>16</b>				

#	Course Code	Level 3 / Semester 2	Credit Hours				Total
		Course Name	Theoretical	Seminar	Practical	Training	
1.	02.04.264	Phytochemistry	2				2
2.	02.03.238	Pharmacology-III	2				2
3.	02.04.248	Medicinal Chemistry-I	2		2		3
4.	02.02.231	Pharmaceutics-II	2		2		3
5.	02.04.251	Pharmaceutical Instrumental Analysis	2				2
6.	02.02.230	Biopharmaceutics	2				2
Total			12		4		14
<b>Total of Credit Hours</b>			<b>14</b>				

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#	Course Code	Level 4 / Semester 1	Credit Hours				Total
		Course Name	Theoretical	Seminar	Practical	Training Contact hrs.	
1	02.01.212	Therapeutics (1)	2		2		3
2	02.01.213	Hospital Pharmacy	2				2
3	02.02.234	Pharmaceutics-III	2		2		3
4	02.01.216	Community Pharmacy*	2			360 hrs.	4
5	02.04.250	Medicinal Chemistry II	2		2		3
6	02.03.239	Pharmacology-IV	2				2
Total			12		6	2	17
<b>Total of Credit Hours</b>			<b>17</b>				

**\*360 contact hours training in a community pharmacy setting**

#	Course Code	Level 4 / Semester 2	Credit Hours				Total
		Course Name	Theoretical	Seminar	Practical	Training	
1.	02.01.215	Therapeutics (2)	2		2		3
2.	02.01.217	Pharmaceutical Care	2				2
3.	02.01.214	Basic Pharmacokinetics	2				2
4.	05.02.223	Research Methodology	2				2
5.	02.02.232	Drug Information Resources	2				2
6.	03.01.215	Clinical Biochemistry	2				2
Total			12		2		13
<b>Total of Credit Hours</b>			<b>13</b>				

#	Course Code	Level 5 / Semester 1	Credit Hours				Total
		Course Name	Theoretical	Seminar	Practical	Training (Contact hrs.)	
1	02.01.221	Clerkship-I**				252 hrs.	5
2	02.02.233	Pharmacoepidemiology and Pharmacoeconomics	2				2
3	02.01.218	Therapeutics (3)	2		2		3
4	02.03.240	Pharmacology-V	2				2
5	03.02.216	Clinical Immunology	2				2
6	03.02.215	Clinical. Microbiology	2				2
7	02.01.219	Pharmacy Practice (1)	2				2
8	02.02.235	Pharmaceutical promotion and marketing	2				2
Total			14		2	5	20
<b>Total of Credit Hours</b>			<b>20</b>				

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**\*\* General Clinical Training: 252 contact hours**

#	Course Code	Level 5 / Semester 2	Credit Hours				Total
		Course Name	Theoretical	Seminar	Practical	Training Contact hrs.	
1	02.01.223	Clinical Pharmacokinetics	2		2		3
2	02.03.242	Toxicology	2				2
3	02.01.220	Therapeutics (4)	2		2		3
4	02.01.222	Therapeutics (5)	2				2
5	02.01.225	Clerkship (2) **				252 hrs.	5
6	02.01.226	Research Project	2				2
7	02.01.224	Pharmacy Practice (2)	2				2
8	02.03.241	Pharmaceutical Biotechnology	2				2
Total			14		4	5	21
Total of Credit Hours			21				

**\*\* General Clinical Training: 252 contact hrs.**

Pharm. D. Program: Hospital Training						
#	Course Code	Level 6 / Semester 1	Credit Hours*			Practical (Credit hours)
		Course Name	Theoretical	Weekly practical hours	Total practical contact hours	
1	02.05.252	Hospital Training: Internal Medicine-I		35	245	7
2	02.05.253	Hospital Training: Ambulatory care		35	105	3
3	02.05.254	Hospital Training: Pediatric		35	105	3
4	02.05.255	Hospital Training: Hospital Pharmacy		35	70	2
5	02.05.256	Hospital Training: Oncology care		35	70	2
<b>*One credit hour - one week hospital training (from 8.0 AM to 2.0 PM/5 days/ week)</b>						
Total of Credit Hours			17			

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#	Course Code	Level 6 / Semester 2 Course Name	Credit Hours*			Practical (Credit hours)
			Theoretical	Weekly practical hours	Total practical contact hours	
1	02.05.257	Hospital Training, Internal Medicine-II		35	245	7
2	02.05.258	Hospital Training, Intensive Care Unit		35	70	2
3	02.05.259	Hospital Training, Surgery		35	105	3
4	02.05.260	Hospital Training, Gynecology & Obstetrics		35	105	3
5	02.05.261	Hospital Training, Psychiatric		35	70	2
<b>*One credit hour - one week hospital training (from 8.0 AM to 2.0 PM/5 days/ week)</b>						
<b>Total of Credit Hours</b>			<b>17</b>			

### G. Distribution of Total Credit Hours (208 CH)

Level	Term	University Requirements		Faculty Requirements		Department Requirements		Program Requirements		Program Electives		Training		Total CH		Total CH/Level
		No. of Courses	Credit Hours	No. of Courses	Credit Hours	No. of Courses	Credit Hours	No. of Courses	Credit Hours	No. of Courses	Credit Hours	No. of Courses	Credit Hours	No. of Courses	Credit Hours	
First	First	4	12	3	7	1	2	-	-	-	-	-	-	8	21	39
	Second	1	3	1	2	5	13	-	-	-	-	-	-	7	18	
Second	First	-	-	1	3	6	15	-	-	-	-	-	-	7	18	34
	Second	-	-	1	2	5	14	-	-	-	-	-	-	6	16	
Third	First	-	-	-	-	5	14	1	2	-	-	-	-	6	16	30
	Second	-	-	-	-	6	14			-	-	-	-	6	14	
Fourth	First	-	-	-	-	5	14	1	3	-	-	-	-	6	17	30
	Second	-	-	1	2	1	2	4	9	-	-	-	-	6	13	
Fifth	First	-	-	-	-	3	6	5	14	-	-	-	-	8	20	39
	Second	-	-	-	-	1	2	7	19	-	-	-	-	8	19	
Sixth	First	-	-	-	-	-	-	-	-	-	-	5	17	5	17	34
	Second	-	-	-	-	-	-	-	-	-	-	5	17	5	17	
<b>Total</b>		<b>5</b>	<b>15</b>	<b>7</b>	<b>16</b>	<b>38</b>	<b>96</b>	<b>18</b>	<b>47</b>	<b>-</b>	<b>-</b>	<b>10</b>	<b>34</b>	<b>78</b>	<b>208</b>	<b>208</b>
<b>Percentage</b>		<b>7.2%</b>		<b>7.7%</b>		<b>46.2%</b>		<b>22.6%</b>		<b>-</b>		<b>16.3%</b>		<b>100%</b>		

\*. Graduation Research Project

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