



## Doctor of Pharmacy Program

**The duration for the Doctor's degree in pharmacy is six years (219 credit hours).**

**Table 1: Graduation requirements for doctor of pharmacy program**

Graduation Requirements	Credit Units	%
University Requirements	21	9.6%
Faculty Requirements	12	5.5%
Basic Pharmaceutical Science Course	48	21.9%
Professional Pharmaceutical Science Courses	138	63%
<b>Total Credit Units</b>	<b>219</b>	<b>100%</b>

The Doctor of pharmacy program have four stages:

**STAGE 1** = Year 1 (Common first year with all medical colleges).

**STAGE 2** = Year 2,3 (Same as B-Pharm program).

**STAGE 3** = Year 4,5 (Pharm-D Professional courses + graduation project).

**STAGE 4** = Year 6 (clerkship year).

**Table 2: First year courses for Phrm-D program**

First Year							
First Semester				Second Semester			
Course	T <sup>+</sup>	P*	CU§	Course	T <sup>+</sup>	P*	CU§
Holy Quran	2	0	2	Islamic Culture	2	0	2
Arabic Language	2	0	2	Learning Skills	2	0	2
Computer Science	1	1	2	Medical Ethics	2	0	2
				Physics	2	1	3
Approach to medical science					6	2	8
English language					8	4	12
					<b>27</b>	<b>8</b>	<b>35</b>

+ Theory \* Practical § Credit unit

**Table 3: Second year courses for Pharm-D program**

Second Year							
First Semester				Second Semester			
Course	T <sup>+</sup>	P*	CU§	Course	T <sup>+</sup>	P*	CU§
Holy Quran	2	0	2	Prophet Profile	2	0	2
Islamic Culture	2	0	2	Microbiology	2	1	3
Pharmaceutical Organic Chemistry (1)	2	1	3	Pharmaceutical Organic Chemistry (2)	2	1	3
Mathematics	2	0	2	Pharmaceutics (2)	3	1	4
Anatomy and Histology	2	1	3	Biochemistry	2	1	3
Pharmaceutics (1)	2	1	3				
Approach to Pharmaceutical Profession	1	0	1				
Physiology					4	2	6
					<b>28</b>	<b>9</b>	<b>37</b>

+ Theory \* Practical § Credit unit

**Table 4: Third year courses for Pharm-D program**

Third Year							
First Semester				Second Semester			
Course	T <sup>+</sup>	P*	CU§	Course	T <sup>+</sup>	P*	CU§
Holy Quran	2	0	2	Islamic Culture	3	0	3
Pharmacognosy (1)	2	1	3	Molecular Biology	1	2	3
Analytical Pharmaceutical Chemistry (1)	2	1	3	Analytical Pharmaceutical Chemistry (2)	2	1	3
Pharmaceutics (3)	2	1	3	Immunology	1	1	2
Pathology	2	1	3	Pharmacognosy (2)	2	1	3
Pharmacology (1)	3	1	4	Biopharmaceutics	2	0	2
Basic Pharmacokinetics	2	0	2	Pharmacology (2)	2	1	3
					<b>28</b>	<b>11</b>	<b>39</b>

+ Theory \* Practical § Credit unit

**Table 5: Fourth year courses for Pharm-D program**

Fourth Year							
First Semester				Second Semester			
Course	T <sup>+</sup>	P*	CU§	Course	T <sup>+</sup>	P*	CU§
Holy Quran	2	0	2	Islamic Culture	2	0	2
Medicinal Chemistry (1)	2	1	3	Dispensing Medicine	3	1	4
Pharmacoeconomics and epidemiology	2	0	2	Therapeutics (2)	2	1	3
Pharmacology (3)	3	0	3	Statistics	2	1	3
Therapeutics (1)	3	1	4	Medicinal Chemistry (2)	2	1	3
Clinical Pharmacokinetics	0	1	1	Basic and Clinical Toxicology	2	1	3
Principle of Drug Information	1	0	1	Pharmacy Law and Ethics	1	0	1
Pharmaceutics (1)	2	1	3				
					<b>29</b>	<b>9</b>	<b>38</b>

+ Theory \* Practical § Credit unit

### Summer Training

After passing the third year the student at doctor of pharmacy program should have a summer training of (320 WH). The same will be done after fourth year.

**Table 6: Fifth year courses for Pharm-D program**

Fifth Year							
First Semester				Second Semester			
Course	T <sup>+</sup>	P*	CU§	Course	T <sup>+</sup>	P*	CU§
Alternative and Herbal Medicine	2	0	2	Hospital Pharmacy	0	2	2
Therapeutics (3)	2	1	3	Pharmacy Administration	2	0	2
Therapeutics (4)	2	1	3	Medicinal Chemistry and Quality Control	2	0	2
Clinical Nutrition	2	0	2	Problem Based Learning in Therapy	2	1	3
Self Care and non Prescription Drugs	2	0	2	Therapeutics (5)	2	1	3
First Aid	0	1	1	Communication Skill	1	0	1
Elective (1)	2	0	2	Elective (2)	2	0	2
Research					0	4	4
					<b>23</b>	<b>11</b>	<b>34</b>

+ Theory \* Practical § Credit unit

**Table 7: Sixth year clinical rotations for Pharm-D program**

Sixth year			
First semester		Second semester	
Clinical Rotation	CU§	Clinical Rotation	CU§
Internal Medicine 1	3	Internal Medicine 2	3
Community Pharmacy	3	Infectious Diseases	3
Hospital Pharmacy	3	Internal Medicine 3	3
Ambulatory care	3	Neurology and Psychiatry	3
Pediatrics	3	CCU	3
Elective (1)	3	Elective (2)	3
		<b>18</b>	<b>18</b>
			<b>36</b>

§ Credit unit