

1.	School	Pharmacy
2.	Department	Pharmaceutical Sciences
3.	Program title (Arabic)	دكتوراة في العلوم الصيدلانية
4.	Program title (English)	PhD in Pharmaceutical Sciences

Plan Number	Specialization #	Degree	Dep #	Faculty #	Year	Track
		041	01	12	2017	

First: General Rules & Conditions:

1. This plan conforms to valid regulations of the programs of graduate studies.
2. Specialties of Admission:

- The First Priority: MA in....., MA in.....,
- The second Priority: MA in....., MA in.....,

Second: Special Conditions:

- or None.

Third: Study Plan: Studying (54) Credit Hours as following:

1. Obligatory Courses (21) credit hours:

Course No.	Course Title	Credit Hrs	Theory	Practical	Pre/Co-requisite
1201901	Pharmaceutical Organic Chemistry	3	3	-	-
1201902	Selected Topics in Drug Discovery (1)	2	2	-	-
1201904	Spectroscopy	3	3	-	-
1203905	Pharmacology Laboratory and Bioassay	2	-	6	-
1201907	Biotechnology and Drug Discovery	2	2	-	-
1201908	Medicinal Natural Products	3	3	-	-
1201925	Advanced Pharmaceutical Statistics	3	3	-	-
1201926	Research Methodologies and Tools in Pharmacy	3	3	-	-

2. Elective Courses (15) Credit Hours: from the following:

Course No.	Course Title	Credit Hrs	Theory	Practical	Pre/Co-requisite
1201910	Selected Topics in Drug Discovery (2)	3	3	-	-
911120	Proteomics and Drug Discovery	3	3	-	-
1201912	-Quantification of Legand - Macromolecular Binding	3	3	-	-
1201914	Medicinal Chemistry of Anticancer Agents	3	3	-	-
1201915	Medicinal Chemistry of CNS Agents	2	2	-	-
1201916	Medicinal Chemistry of Respiratory and GIT Agents	2	2	-	-
1201917	Medicinal Chemistry of Anti-Inflammatories and Anti-Allergics	2	2	-	-
1201918	Medicinal Chemistry of Endocrine System Agents	2	2	-	-
1201919	Medicinal Chemistry of The Cardiovascular System Agents	2	2	-	-
1201927	Advanced Spectroscopy	3	3	-	-
1201928	Advanced Chromatographic Analysis	3	3	-	-
1201929	Quality Control and Standardization of Natural Products	2	2	-	-
1201930	Physicochemical Properties as a Tool in Drug Research	2	2	-	-
1201931	New Trends in Natural Products Drug Discovery	2	2	-	-
1201932	Seminar in Natural Products	1	1	-	-
1201933	Seminar in Medicinal Chemistry	1	1	-	-

3. Pass the qualifying exam (1201998)3.

4. Thesis: (1201999)4 Credit hours (18).

*notes