

Study Plan (2009 -2016)

1. Study Plan

First: Components of the study plan

The study plan in the Department of Pharmacy consists of (154-164 credit hours) distributed as follows in the table

#	Requirement Type	Credit Hours
1	University Requirement	12
2	Faculty Requirement	24-27
3	Elective Courses	19
4	Program Requirement	117
Total of credit hours		154-164

Second :University Requirement

#	Course Code	Course Name	Credit Hours
1	UR1102	Arabic language101	2
2	UR1104	English language 1	2
3	UR1101	Islamic culture	2
4	UR1201	Arabic Language 2	2
5	UR1205	English Language 2	2
6	UR1206	Computer Introduction	2
Total of credit hours			12



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Third :Faculty Requirement

#	Course Code	Course Name	Credit Hours
1	CR1111	General Biology	3
2	CR1112	General Chemistry	3
3	CR2114	Physiology 1	2
4	CR2115	Anatomy	2
5	MCH2151	Organic Chemistry 1	3
6	ACH2171	Analytical Chemistry 1	3
7	CR2216	Physiology 2	2
8	CR2217	Histology	2
9	CR4118	First Aids	2
10	CR4219	Public Health	2
11	CRE121	Physical chemistry (elective)	2
12	CREP121	Practical Physical Chemistry (elective)	1
Total of credit hours			(24-27)

Forth: Program Courses:

#	Course Code	Course Name	Credit Hours
1	CR1213	Biostatistics	2
2	CEU1222	Introduction to Pharmacy History	2
3	COG1231	Botany	3
4	CEU2123	Pharmaceutics 1	3
5	ASS2181	Immunology	2
6	CEU2124	Pharmaceutical Calculation	2
7	MCH2252	Organic Chemistry 2	3



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#	Course Code	Course Name	Credit Hours
8	ACH2272	Analytical Chemistry 2	3
9	CEU2225	Pharmaceutics 2	3
10	ASS2282	Psychology	2
11	MCH3253	Organic Chemistry 3	3
12	ACH3173	Analytical Chemistry 3	3
13	COG3132	Pharmacognosy1	3
14	CEU3126	Pharmaceutics 3	3
15	ASS3183	Microbiology1	3
16	ASS3184	Biochemistry 1	3
17	MCH3254	Organic Chemistry 4	2
18	COG3233	Pharmacognosy2	3
19	CEU3227	Pharmaceutics 4	3
20	ASS3285	Microbiology2	3
21	ASS3286	Biochemistry 2	3
22	COL3241	Pharmacology 1	2
23	MCH4155	Medicinal Chemistry 1	3
24	COG4134	Phytochemistry 1	3
25	CEU4128	Biopharmaceutics & Pharmacokinetics 1	2
26	COL4142	Pharmacology2	2
27	ASS4187	Pathology	2
28	COL4143	Toxicology	2
29	MCH4256	Medicinal Chemistry 2	3
30	COG4235	Photochemistry 2	3
31	CEU4229	Biopharmaceutics & Pharmacokinetics 2	2



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#	Course Code	Course Name	Credit Hours
32	COL4244	Pharmacology3	2
32	ASS4288	Parasitology	2
34	MCH5157	Medicinal Chemistry 3	3
35	COG5136	Applied Pharmacognosy	3
36	MAC5163	Clinical Pharmacy 1	2
37	COL5145	Pharmacology 4	2
38	MAC5161	Industrial Pharmacy 1	2
39	MAC5165	Quality control	3
40	MAC5166	Community Pharmacy	2
41	MCH5258	Medicinal Chemistry 4	3
42	MAC5267	Hospital Pharmacy	2
43	MAC5264	Clinical Pharmacy 2	2
44	MCH5259	Drug design	2
45	MAC5262	Industrial Pharmacy 2	2
46	ASS5289	Drug Marketing	2
47	ER5281	Graduation Project	2
Total of credit hours			117

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Fifth Program Elective Courses

#	Course Code	Course Name	Credit Hours
1	CEU1121	Physical Pharmacy	2
2	CEUEP1121	Practical Physical Pharmacy	1
3	MCHE125	Organic Chemistry(Introduction to Organic Chemistry)	3
4	CEUE112	Physics	2
5	CEUEP112	Practical Physics	1
6	CRE121	Physical chemistry	2
7	CREP121	Practical Physical Chemistry	1
8	ASSE228	Business administration	2
9	COLEP4143	Practical Toxicology	1
10	CEUP4128	Practical Biopharmaceutics & Pharmacokinetics 1	1
11	CEUP4229	Practical Biopharmaceutics & Pharmacokinetics 2	1
12	MACEP5161	Practical Industrial Pharmacy 1	1
13	MACEP5262	Practical Industrial Pharmacy 2	1
Total of credit hours			19

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Sixth: The Semesters Plans for the Bachelor of Pharmacy Program (154-164 credit hours)

Year 1 (Semester 1)

#	Course Code	Level 1 / Semester 1	Credit Hours				Total
		Course Name	Theoretical	Seminar	Practical	Training	
1	CR11122	General Chemistry	2		2		3
2	CR1111	General Biology	2		2		3
3	UR1104	English Language 1	2		2		3
4	UR1102	Arabic Language101	2				2
5	UR1101	Islamic Culture	2				2
6		Elective Course					
Total of Credit Hours			15				

Year 1 (Semester 2)

#	Course Code	Level 1 / Semester 2	Credit Hours				Total
		Course Name	Theoretical	Seminar	Practical	Training	
1	COG1231	Botany	2		2		3
2	CEU1222	Introduction to Pharmacy History	2				2
3	CR1213	Statistics	2				2
4	UR1206	Computer Skills	2				2
5	UR1201	Arabic Language 102	2				2
6	UR1205	English Language 2	2		2		2
7		Elective Course					
Total of Credit Hours			13				

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Year 2 (Semester 1)

#	Course Code	Level 2 / Semester 1	Credit Hours				Total
		Course Name	Theoretical	Seminar	Practical	Training	
1	CEU2124	Pharmaceutical Calculation	2				2
2	ACH2171	Analytical Chemistry1	2		2		3
3	ASS2181	Immunology	2				2
4	CEU2123	Pharmaceutics 1	2		2		3
5	MCH2151	Organic Chemistry 1	2		2		3
6	CR2115	Anatomy	2				2
7	CR2114	Physiology 1	2				2
8		Elective Course					
Total of Credit Hours			17				

Year 2 (Semester 2)

#	Course Code	Level 2 / Semester 2	Credit Hours				Total
		Course Name	Theoretical	Seminar	Practical	Training	
1	ASS2282	Psychology	2				2
2	ACH2272	Analytical Chemistry2	2		2		3
3	CEU2225	Pharmaceutics 2	2		2		3
4	MCH2252	Organic Chemistry 2	2		2		3
5	CR2217	Histology	2				2
6	CR2216	Physiology 2	2				2
7		Elective Course					
Total of Credit Hours			15				



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Year 3 (Semester 1)

#	Course Code	Level 3 / Semester 1	Credit Hours				Total
		Course Name	Theoretical	Seminar	Practical	Training	
1	ASS3183	Microbiology1	2		2		3
2	ASS3184	Biochemistry 1	2		2		3
3	CEU3126	Pharmaceutics 3	2		2		3
4	COG3132	Pharmacognosy1	2		2		3
5	ACH3173	Analytical Chemistry 3	2		2		3
6	MCH3253	Organic Chemistry 3	2		2		3
7		Elective Course					
Total of Credit Hours			18				

Year 3 (Semester 2)

#	Course Code	Level 3 / Semester 2	Credit Hours				Total
		Course Name	Theoretical	Seminar	Practical	Training	
1	ASS3285	Microbiology2	2		2		3
2	ASS3286	Biochemistry 2	2		2		3
3	COL3241	Pharmacology 1	2				2
4	CEU3227	Pharmaceutics 4	2		2		3
5	COG3233	Pharmacognosy2	2		2		3
6	MCH3254	Organic Chemistry 4	2		2		3
7		Elective Course					
Total of Credit Hours			17				



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Year 4 (Semester 1)

#	Course Code	Level 4 / Semester 1	Credit Hours				Total
		Course Name	Theoretical	Seminar	Practical	Training	
1	COL4142	Pharmacology2	2				2
2	CR4118	First Aids	2				2
3	COL4143	Toxicology	2				2
4	ASS4187	Pathology	2				2
5	CEU4128	Biopharmaceutics & Pharmacokinetics 1	2				2
6	COG4134	Phytochemistry 1	2		2		3
7	MCH4155	Medicinal Chemistry 1	2		2		3
8		Elective Course					
Total of Credit Hours			16				

Year 4 (Semester 2)

#	Course Code	Level 4 / Semester 2	Credit Hours				Total
		Course Name	Theoretical	Seminar	Practical	Training	
1	COL4244	Pharmacology3	2				2
2	CR4219	Public Health	2				2
3	ASS4288	Parasitology	2				2
4	CEU4229	Biopharmaceutics & Pharmacokinetics 2	2		2		3
5	COG4235	Phytochemistry 2	2		2		3
6	MCH4256	Medicinal Chemistry 2	2		2		3
7		Elective Course					
Total of Credit Hours			15				

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Year 5 (Semester 1)

#	Course Code	Level 5 / Semester 1	Credit Hours				Total
		Course Name	Theoretical	Seminar	Practical	Training	
1	COG5136	Applied Pharmacognosy	2		2		3
2	MAC5166	Community Pharmacy	2				2
3	MAC5165	Quality control	2		2		3
4	MAC5161	Industrial Pharmacy 1	2		2		3
5	COL5145	Pharmacology 4	2				2
6	MAC5163	Clinical Pharmacy 1	2				2
7	MCH5157	Medicinal Chemistry 3	2		2		3
8		Elective course					
Total of Credit Hours			18				

Year 5 (Semester 2)

#	Course Code	Level 5 / Semester 2	Credit Hours				Total
		Course Name	Theoretical	Seminar	Practical	Training	
1	MCH5259	Drug Design	2				2
	ASS5289	Drug Marketing	2				2
3	MAC5264	Clinical Pharmacy 2	2				2
4	MAC5267	Hospital Pharmacy	2				2
5	MAC5262	Industrial Pharmacy 2	2		2		3
	MCH5258	Medicinal Chemistry 4	2		2		3
7	ER5281	Graduation Project	2				2
		Elective Course					
Total of Credit Hours			16				

Head of Department

Dean of Quality Assurance & Development

Prof. Maged Alwan