

STUDY PLAN

Ajman University of Science and Technology Network College of Pharmacy and Health Sciences

Major: Pharmacy **UNIVERSITY REQUIREMENTS:**

Obligatory Courses (15 cr.h.):

103110	Statistics (3 cr.hr)
104110	Computer Applications (3 cr.hr)
102110	Islamic Culture (3 cr.hr)
102140	Communication skills in Arabic Lang. (3 cr.hr)
103120	Environmental Science (3 cr.hr)

Optional Courses:

Students have to study any three of the optional courses offered by the college of university requirements and academic counseling (3x3=9 cr.h.)

COLLEGE OPTIONAL COURSES:

Students have to study one course of the following (3 cr.h.)

700515	Pharm. Biotechnology (Pre-req.: 700232) 3 Cr Hrs.(2+1)
700522	Phytotherapy (Pre-req: 700321)
700534	Clinical Microbiology (Pre-req.: 700333) 3 Cr Hrs.(2+1)
700535	Gene Therapy (Pre-req: 700232 + 700333) 3 Cr Hrs.(2+1)
700527	Nuclear Pharmacy (Pre-req: 700331) 3 Cr Hrs. (2+1)

STUDY PLAN

for the Bachelor of Pharmacy Degree

LEVEL 1

New_Code	Subject	Cr.H	Lec.	Pr.	Pre-req.
104110	Computer Applications (Univ. Req.)	3	2	2	xxxxx
103120	Environmental Science (Univ. Req.)	3	3	0	xxxxx
700111	Introduction to Pharmacy	3	2	2	xxxxx
700124	Pharmaceutical Botany	3	2	2	xxxxx
700128	Pharmaceutical Organic Chemistry I	3	2	2	xxxxx
700135	Principles of Human Anatomy and Physiology I	4	3	2	xxxxx
	Total	19	14	10	

LEVEL 2

New_Code	Subject	Cr.H	Lec.	Pr.	Pre-req.
700112	Physical Pharmacy I	3	2	2	700111
700127	General Pharmacognosy	4	3	2	700124
700129	Pharmaceutical Organic Chemistry II	3	2	2	700128
700136	Principles of Human Anatomy & Physiology II	3	2	2	700135
700222	Pharmaceutical Analytical Chemistry I	3	2	2	700128
	Optional Course (Univ. opt.)	3	2	2	Xxxxx
	Total	19	13	12	

LEVEL 3

New_Code	Subject	Cr.H	Lec.	Pr.	Pre-req.
103110	Statistics (Univ. Req.)	3	3	-	Xxxxx
700212	Physical Pharmacy II	3	2	2	700112
700213	Pharmaceutical Dosage Forms I	3	2	2	700112
700223	Pharmaceutical Analytical Chemistry II	3	2	2	700222
700231	Biochemistry I	3	2	2	700129
700235	Pharmacology and Therapeutics I	3	2	2	700136
700314	Community Pharmacy Training-I	3	-		after 30 Crd.Hrs+700111
	Total	21	13	10	

LEVEL 4

New_Code	Subject	Cr.H	Lec.	Pr.	Pre-req.
102110	Islamic Culture (Univ. Req.)	3	3	-	Xxxxx
700214	Pharmaceutical Dosage Forms II	3	2	2	700213
700232	Biochemistry II	3	2	2	700231
700238	Pharmacology and Therapeutics II	3	2	2	700235
700333	Pharmaceutical Microbiology and Immunology	4	3	2	700231
700422	Instrumental Analysis I	3	2	2	700223
	Total	19	14	10	

LEVEL 5

New_Code	Subject	Cr.H	Lec.	Pr.	Pre-req.
700311	Biopharmaceutics & Pharmacokinetics I	3	2	2	700214+ 700422
700323	Medicinal and Pharmaceutical Chemistry I	3	2	2	700129+700333
700331	Pharmacology and Therapeutics III	3	2	2	700238
700425	Instrumental Analysis II	3	2	2	700422
801318	Pathology / Pharmacy	2	2	-	700333
	Optional Course (Univ. opt.)	3	2	2	Xxxxx
	Total	17	12	10	

LEVEL 6

New_Code	Subject	Cr.H	Lec.	Pr.	Pre-req.
102140	Communication skills in Arabic Language (Univ. Req.)	3	3	-	Xxxxx
700312	Biopharmaceutics and Pharmacokinetics II	3	2	2	700311
700321	Phytochemistry	4	3	2	700127+700425
700324	Medicinal and Pharmaceutical Chemistry II	3	2	2	700323
700413	Pharmaceutical Technology	4	2	4	700212 + 700214
	Optional Course (Univ. opt.)	3	3	-	Xxxxx
	Total	20	15	10	

LEVEL 7

New_Code	Subject	Cr.H	Lec.	Pr.	Pre-req.
700315	Hospital Pharmacy Training	3	-	-	700331
700415	Pharmaceutical Technology Training	3	-	-	700413
700418	OTC Drugs and Products	3	2	2	700331
700432	Toxicology & Chemotherapy	3	3	0	700331+801318
700442	Clinical Pharmacy I	3	2	2	700312+700331
700522	Phytotherapy (Faculty opt.)	3	2	2	after 115 Crd.Hrs
	Total	18	9	6	

LEVEL 8

New_Code	Subject	Cr.H	Lec.	Pr.	Pre-req.
700316	Community Pharmacy Training-II	3	-	-	700314+700442
700317	Clinical Pharmacy Training	3	-	-	700442+700418
700416	Pharmaceutical Legislations	1	1	-	700432
700417	Marketing & Sales	1	1	-	700442
700421	Project	3	2	2	after 115 Crd.Hrs
700434	Bioassays and Drug Screening	3	2	2	130130+700331
700443	Clinical PharmacyII&First Aid	3	3	-	700442
	Total	17	9	4	

SUMMARY: TOTAL CREDIT HOURS

LEVEL 1	19	LEVEL 5	17
LEVEL 2	19	LEVEL 6	20
LEVEL 3	21	LEVEL 7	18
LEVEL 4	19	LEVEL 8	17
TOTAL	150		