

COURSE PLAN OF PHARM -D

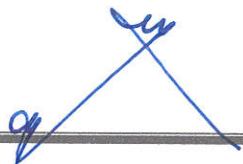
Total course credits hours: 224

FIRST YEAR

1 ST SEMESTER					
COURSE #	COURSE TITLE	LH	PH	PRE-REQUISITE	CH
UR	English Language I	2	-	Nil	2
UR	Computer Skills	2	2	Nil	3
UR	Islamic Culture	2	-	Nil	2
UR	Arabic language	2	-	Nil	2
PHYSC 111	Biology	2	2	Nil	3
PHYSC 112	General Chemistry	2	2	Nil	3
PHYSC 113	Medical Physics	2	2	Nil	3
PHAR.CAL101	Mathematics and Pharmaceutical Calculations	2	--	Nil	2
PHAR.ORI 102	Pharmacy Orientation	2	-	Nil	2
Total		18	6		22

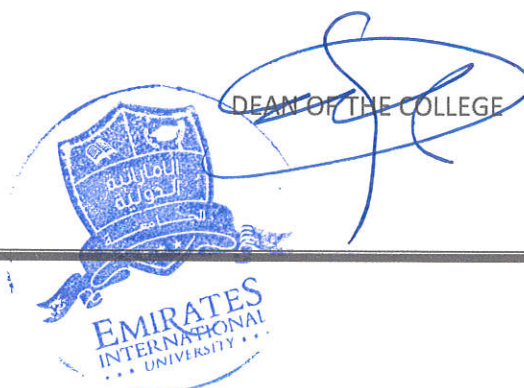
2 nd SEMESTER					
COURSE #	COURSE TITLE	LH	PH	PRE-REQUISITE	CH
UR	English Language II	2	-	UR	2
UR	Medical Terminology	2	-	Nil	2
BOT 103	Botany	2	2	Nil	3
ANA 104	Principles of Human Anatomy	2	2	PHYSC 111	3
PHYP 105	Physical Pharmacy	2		PHYSC 112, PHYSC 113	2
OCH 106	Pharmaceutical Organic Chemistry I	2	2	PHYSC 112	3
HIS 107	General Histology	2	2	PHYSC 111	3
BHSC 108	Human Behavior and Socialization	2	-	Nil	2
HPH 109	Human Physiology I	2	2	PHYSC 111	3
Total		18	12		23

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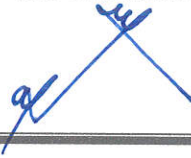


SECOND YEAR

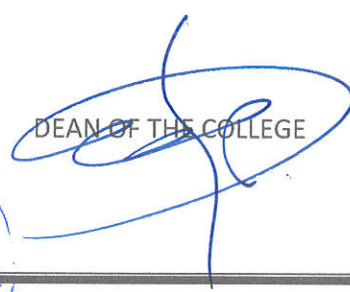
3 rd SEMESTER						
COURSE #		COURSE TITLE	LH	PH	PRE-REQUISITE	CH
PCS	202	Professional Communication Skills	2	-	Nil	2
CEUT	203	Pharmaceutics I	2	2	PHYP 105	3
OCH	204	Pharmaceutical Organic Chemistry II	2	2	OCH 106	3
ACH	205	Pharmaceutical Analytical Chemistry	2	2	PHYSC 112, PHYSC 113	3
BIOC	206	Biochemistry I	2	2	OCH 106	3
COGN	207	General Pharmacognosy	2	2	BOT 103	3
HPH	208	Human Physiology II	2	2	HPH 201	3
Total			14	12		20

4 th SEMESTER						
COURSE #	COURSE TITLE	LH	PH	PRE-REQUISITE	CH	
INS 209	Instrumental Analysis	2	-	OCH 204, ACH 205	2	
MCH 2010	Medicinal and Pharmaceutical Chemistry I	2	2	OCH 204	3	
MIC 2011	Microbiology	2	2	PHYSC 113	3	
PHA 2012	Pharmacology and Therapeutics I	2	2	HPH 201	3	
BIOC 2013	Biochemistry II	2	2	BIOC 206	3	
PHY 2014	Phytotherapy	2	2	COGN207	3	
CEUT 2015	Pharmaceutics II	2	2	CEUT 203	3	
Total		14	12		20	

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THIRD YEAR

5 th SEMESTER					
COURSE #	COURSE TITLE	LH	PH	PRE-REQUISITE	CH
SDF 301	Sterile Dosage Forms	2		CEUT 2015	2
KENI 302	Biopharmaceutics & Pharmacokinetics I	2	2	CEUT 2015	3
BIS 303	Biostatistics & Research Methodology	2	-	Nil	2
MCH 304	Medicinal and Pharmaceutical Chemistry II	2	2	MCH 2010	3
PHA 305	Pharmacology and Therapeutics II	2	2	PHA 2012	3
IMM 306	Immunology	2	2	HPH 208	3
CEUT 307	Pharmaceutics III	2	2	CEUT 2015	3
PROFETH308	Professional Pharm. Ethics & Legislations	2	-	Nil	2
Total		16	12		21

6 th Semester					
COURSE #	COURSE TITLE	LH	PH	PRE-REQUISITE	CH
CEUTTECH309	Pharmaceutical Technology	2		CEUT 307	2
KENI3010	Bio pharmaceutics & Pharmacokinetics II	2	2	KENI 302	3
ALTM3011	Complementary and Alternative Medicine	2	-	PHY 2014	2
CLD 3012	Interpretation Clinical Laboratory Data	2	-	MIC 2011, IMM 306	2
PARA3013	Parasitology	2	2	PHYSC 111	3
BIODS3014	Bioassay & Drug Screening	1	-	PHA 305	1
HCS 3015	Health Care System and Pharmac. Care	2	-	Nil	2
TOX3016	Toxicology	2	-	PHA 305	2
PHA 3017	Pharmacology and Therapeutics III	2	2	PHA 305	3
GPA 3018	General Pathology	2	-	PHA 305	2
Total		19	8		22

'3rd Professional Year - Summer Semester					
COURSE #	COURSE TITLE	LH	PH	PRE-REQUISITE	CH
CPT 3018	Community Pharmacy Training-I	-	6	PHA 3016, GPA 3017	2
Total		-	6		2

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FOURTH YEAR

7 th SEMESTER					
COURSE #	COURSE TITLE	LH	PH	PRE-REQUISITE	CH
CDA 401	Applied Clinical & Diagnostic Analysis	2		PHA 3016,	2
KENIDM402	Clinical Pharmacokinetics and Therapeutic Drug Monitoring	2	2	KENI 302	3
DISM 403	Dispensing of Medications	2		PHA 3016, GPA 3017	2
PAM 404	Pharmacy Administration & Management	2	-	PHA 3016	2
OTC 405	OTC Products and Patient Counseling	2	2	PHA 3016	3
CLINP 406	Clinical Pharmacy- Disease & Therapeutic Management-I	2	2	PHA 3016	3
DI 407	Drug Information & Literature Evaluation	2	-	PHA 3016	2
Total		14	7		17

8 th SEMESTER					
COURSE #	COURSE TITLE	LH	PH	PRE-REQUISITE	CH
PHYAS 408	Physical Assessment	2	-	CLD 3011	2
COMS 409	Communication Skill in Pharmacy Practice	2	-	PCS 202	2
CLPRO 4010	Clinical Problems in Parenteral Nutrition & Intravenous Therapy	2	-	SDF 301	2
DTOX 4011	Drugs of Abuse & Clinical Toxicology	2	-	TOX3015	2
CLINP 4012	Clinical Pharmacy- Disease & Therapeutic Management-II	2	2	CLINP 407	3
PHARMEC4013	Pharmacoeconomics	2	-	PAM 404	2
MERR 4014	Medication Errors: Causes, Prevention, Current Issues	2	2	OTC 405	3
Total		14	4		16

4 th Professional Year - Summer Semester					
COURSE #	COURSE TITLE	LH	PH	PRE-REQUISITE	CR
CPT 4016	Community Pharmacy Training-II	-	6	CPT 3018	2
Total		-	6		2

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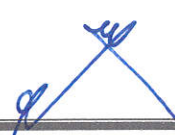
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FIFTH YEAR

9 th SEMESTER					
COURSE #	COURSE TITLE	LH	PH	PRE-REQUISITE	CH
PP 501	Principles of Pathophysiology Module I: Immunology	2		CLINP 4013	2
PP 502	Pharmacotherapy Module II: Cardiology	2		CLINP 4013	2
PP 503	Pharmacotherapy Module III: Psychiatry/Neurology	2		CLINP 4013	2
PP 5404	Pharmacotherapy Module IV :Gastroenterology/Nutrition	2		CLINP 4013	2
PP 505	Pharmacotherapy Module V : Renal Impairments & Drug monitoring	2		CLINP 4013	2
PP 506	Pharmacotherapy Module VI: Endocrinology/Rheumatology/OB/GYN	2		CLINP 4013	2
PP 507	Pharmacotherapy Module VII : Infectious Disease/Hematology	2		CLINP 4013	2
PP 508	Pharmacotherapy Module VIII : Nuclear Pharmacy & Oncology	2		CLINP 4013	2
Total		16			16

10 th SEMESTER					
COURSE #	COURSE TITLE	LH	PH	PRE-REQUISITE	CH
PP 509	Pharmaceutical care of Internal Medicine	2	3	PP501-508	3
PP 510	Pediatric Pharmaceutical Care	2	3	PP501-508	3
PP 511	Geriatric Pharmaceutical Care	2	3	PP501-508	3
PP 512	Pharmaceutical Care of Community Pharmacy	2	3	PP501-508	3
PP 513	Obstetrics and Gynecology Pharmaceutical Care	2	3	PP501-508	3
Total		10	15		15

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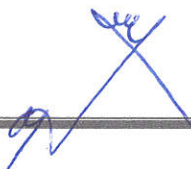


Sixth YEAR

11 th SEMESTER		
COURSE #	COURSE TITLE	CH
CR 601	Internal medicine clerkship (1)	4
CR 602	Pediatric clerkship	3
CR 603	Geriatric and psychiatric clerkship	4
CR 604	Obstetrics and Gynecology clerkship	2
CR 605	Hospital Pharmacy	2
Total		15

12 th SEMESTER		
COURSE #	COURSE TITLE	CH
CR 606	Internal medicine clerkship (2)	4
CR 607	Oncology clerkship	3
CR 608	Surgery clerkship	3
CR 609	Ambulatory care clerkship	2
Code 614	Research project	1
Total		13

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