



EGYPTIAN NATIONAL UNIVERSITIES

مشروع إنشاء الجامعات المصرية الأهلية

جامعة العلمين الدولية

ALALAMEIN INTERNATIONAL UNIVERSITY



Bachelor of Pharmacy – PharmD (Clinical Pharmacy) program

برنامج بكالوريوس الصيدلة- فارم دي (صيدلة
إكلينيكية)

Study Plan

الخطة الدراسية

Semester	Code	Course Name	LCT	LAB	TUT	OTH	CNTCT	CH	SWL	ECTS
1	MAT110	Basic Mathematics	2	0	1	0	3	2	90	4
	PMC101	Pharmaceutical Analytical Chemistry I	2	2	0	0	4	3	150	5
	PMC102	Pharmaceutical Organic Chemistry I	2	2	0	0	4	3	150	5
	PPC101	Botany & Medicinal plants	2	2	0	0	4	3	150	5
	PPH101	Pharmacy Orientation & Medical Terminology	2	0	0	0	2	2	90	4
	UC1	University Requirement (1)	2	0	0	0	2	2	90	4
	UC2	University Requirement (2)	2	0	0	0	2	2	90	4
							21	17	810	31
2	BMS103	Anatomy & Histology (for pharmacy)	2	2	0	0	4	3	150	6
	PMC103	Pharmaceutical Organic Chemistry II	2	2	0	0	4	3	150	5
	PMC104	Pharmaceutical Analytical Chemistry II	2	2	0	0	4	3	150	5
	PPC102	Pharmacognosy	2	2	0	0	4	3	150	5
	PPH102	Physical Pharmacy	2	2	0	0	4	3	150	5
	UC3	University Requirement (3)	2	0	0	0	2	2	90	4
	UC4	University Requirement (4)	2	0	0	0	2	2	90	4



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							24	19	930	34
3	BMS231	Physiology & Pathophysiology (1) (for Pharmacy)	2	0	0	0	2	2	90	4
	PMC205	Pharmaceutical Organic Chemistry III	2	0	0	0	2	2	90	4
	PPH203	Pharmaceutics I	2	2	0	0	4	3	150	5
	PMB201	General Microbiology & Immunology	2	2	0	0	4	3	150	5
	PBC201	Biochemistry I	2	2	0	0	4	3	150	5
	UC5	University Requirement (5)	2	0	0	0	2	2	90	4
	UC6	University Requirement (6)	2	0	0	0	2	2	90	4
							20	17	810	31
4	BMS232	Physiology & Pathophysiology (2) (for Pharmacy)	2	0	0	0	2	2	90	4
	PPH204	Pharmaceutics II	2	2	0	0	4	3	150	5
	PMB202	Pharmaceutical Microbiology	2	2	0	0	4	3	150	5
	PBC202	Biochemistry II	2	2	0	0	4	3	150	5
	PPP201	Pharmacoeconomics	2	0	0	0	2	2	90	4
	PPP202	Pharmacy Administration	2	0	0	0	2	2	90	4
	UC7	University Requirement (7)	2	0	0	0	2	2	90	4
	UE1	Elective University (1)	2	0	0	0	2	2	90	4
							22	19	900	35
5	BMS371	Parasitology (for Pharmacy)	2	2	0	0	4	3	150	5
	PMC306	Medicinal Chemistry I	2	0	0	0	2	2	90	4
	PPH305	Pharmaceutics III	2	2	0	0	4	3	150	5
	PPT301	Pharmacology I	2	2	0	0	4	3	150	5
	PMB303	Medical Microbiology	2	2	0	0	4	3	150	5
	PPC303	Phytochemistry	2	2	0	0	4	3	150	5
	UE2	Elective University (2)	2	0	0	0	2	2	90	4



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							24	19	930	33
6	BMS351	Pathology (for Pharmacy)	2	2	0	0	4	3	150	5
	PMC307	Medicinal Chemistry II	2	2	0	0	4	3	150	5
	PPH306	Industrial pharmacy	2	2	0	0	4	3	150	5
	PPT302	Pharmacology II	2	2	0	0	4	3	150	5
	PPP303	Pharmacy skills & patient counselling	2	0	0	0	2	2	90	4
	PPP304	Pharmacotherapy I	2	0	0	0	2	2	90	4
	PPP305	Integrated Case based Learning I	1	2	0	0	3	2	105	4
						23	18	885	32	
Summer	PPP306	Community Pharmacy Clerkship I	0	0	0	0.5	80	2	90	3.5
7	PMC408	Medicinal Chemistry III	2	2	0	0	4	3	150	5
	PPC404	Herbal & alternative Medicine	2	0	0	0	2	2	90	4
	PPH407	Biopharmaceutics & Basics of Pharmacokinetics	2	2	0	0	4	3	150	5
	PPT403	Pharmacology III & Biostatistics	2	0	0	0	2	2	90	4
	PMB404	Biotechnology	2	0	0	0	2	2	90	4
	PBC403	Clinical Biochemistry	1	2	0	0	3	2	105	4
	PPP407	Pharmacotherapy II	2	0	0	0	2	2	90	4
	PPP408	Integrated Case Based Learning II	1	2	0	0	3	2	105	4
	UE3	Elective University Requirement (3)	2	0	0	0	2	2	90	4
						24	20	960	38	
8	PMC409	Quality Control of Pharmaceuticals	1	2	0	0	3	2	105	4
	PPT404	Basic & Clinical Toxicology	2	2	0	0	4	3	150	5
	PPP409	Pharmacotherapy III	2	0	0	0	2	2	90	4
	PPP410	Integrated Case based Learning III	1	2	0	0	3	2	105	4
	PPP411	Pharmaceutical Care	1	2	0	0	3	2	105	4



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	PPP412	Principles of Drug Information	2	0	0	0	2	2	90	4
	PPP413	Hospital Pharmacy	2	0	2	0	4	3	150	5
	E1	Elective Course (1)	2	0	0	0	2	2	90	4
								23	18	885
Summer	PPP414	Community Pharmacy Clerkship II	0	0	0	0.5	80	2	90	3.5
9	PPC505	Biotechnological Production of herbal Drugs	2	0	0	0	2	2	90	4
	PMB505	Public Health	2	0	0	0	2	2	90	4
	PPP515	Clinical Pharmacokinetics	2	2	0	0	4	3	150	5
	PPP516	Community Pharmacy	2	2	0	0	4	3	150	5
	PPP517	Pharmacotherapy IV	2	0	0	0	2	2	90	4
	PPP518	Integrated Case based Learning IV	1	2	0	0	3	2	105	4
	PPP519	Pharmacy Seminars I	0	0	2	0	2	1	30	1
							19	15	705	27
10	PBC504	Clinical Nutrition	2	2	0	0	4	3	150	5
	PPP520	Pharmacotherapy V	2	2	0	0	4	3	150	5
	PPP521	Integrated Case based Learning V	1	2	0	0	3	2	105	4
	PPP522	Pharmaceutical Ethics & Legislation	2	0	0	0	2	2	90	4
	PPP523	Pharmacoepidemiology	2	0	0	0	2	2	90	4
	PPP524	Pharmacy Seminars II	0	0	2	0	2	1	30	1
	E2	Elective Course (2)	2	0	0	0	2	2	90	4
	E3	Elective Course (3)	2	0	0	0	2	2	90	4
							21	17	795	31
Summer	PPP632	Advanced Community Pharmacy Practice	0	0	0	1	160	4	180	7
	PPP633	Institutional (hospital) Practice	0	0	0	2	320	8	360	14



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Semester	Code	Course Name	LCT	LAB	TUT	OTH	CNTCT	CH	SWL	ECTS
11	PPP634	Acute medicine experiences	0	0	0	2	320	8	360	14
	PPP635	Project (Part I)	0	2	0	0	2	1	60	1
							642	17	780	29
12	PPP636	Outpatient medicine experiences	0	0	0	2	320	8	360	14
	PPP637	Elective experiences	0	0	0	2	320	8	360	14
	PPP638	Project (Part II)	0	2	0	0	2	1	60	1
							642	17	780	29
							1825	221	10530	398



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Elective (E1, E2, E3)

PMC511.	Advanced Instrumental Analysis
PMB506	Antibiotics stewardships
PMB509	Infection control
PPC506	Pharmaceutical Herbal Quality Control
PPH511	Radiopharmaceuticals
PPP525	Patient safety and informatics
PPP526	Pediatric Pharmacotherapy
PPP527	Geriatric Pharmacotherapy
PPP528	Patient care & Biometric
PPP529	Project management in clinical trials
PPP530	Clinical trials & monitoring
PPP531	Writing for the health and human sciences
PPT505	Drug Nutrient interaction
PPT506	Drug abuse and misuse
PPT507	Drug-Drug Interactions
PPT508	Pharmacogenomics
PPP639	Special Topics in Pharmacy