



EGYPTIAN NATIONAL UNIVERSITIES

مشروع إنشاء الجامعات المصرية الأهلية

جامعة العلمين الدولية

ALALAMEIN INTERNATIONAL UNIVERSITY

Al Alamein
International University**PharmD (Clinical Pharmacy)
Program****برنامج فارم دي (صيدلة اكلينيكية)****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
							24	19	930	34



EGYPTIAN NATIONAL UNIVERSITIES

مشروع إنشاء الجامعات المصرية الأهلية

جامعة العلمين الدولية

ALALAMEIN INTERNATIONAL UNIVERSITY

Al Alamein
International University

Semester	Code	Course Name	LCT	LAB	TUT	OTH	CNTCT	CH	SWL	ECTS
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	Principles of Drug Information	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
							24	19	930	33



EGYPTIAN NATIONAL UNIVERSITIES

مشروع إنشاء الجامعات المصرية الأهلية

جامعة العلمين الدولية

ALALAMEIN INTERNATIONAL UNIVERSITY



Al Alamein
International University

Semester	Code	Course Name	LCT	LAB	TUT	OTH	CNTCT	CH	SWL	ECTS
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 counseling	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	80	0	90	0
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
	PPP412	Pharmacoepidemiology	2	0	0	0	2	2	90	4



EGYPTIAN NATIONAL UNIVERSITIES

مشروع إنشاء الجامعات المصرية الأهلية

جامعة العلمين الدولية

ALALAMEIN INTERNATIONAL UNIVERSITY

Al Alamein
International University

Semester	Code	Course Name	LCT	LAB	TUT	OTH	CNTCT	CH	SWL	ECTS
	PPP413	Hospital Pharmacy	2	0	2	0	4	3	150	5
	E2	Elective Course (1)	2	0	0	0	2	2	90	4
							23	18	885	34
Summer	PPP414	Community Pharmacy Clerkship II	0	0	0	0	80	0	90	0
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	Pharmacoeconomics	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
	E2	Elective Course (3)	2	0	0	0	2	2	90	4
							21	17	795	31
11	PPP640	Pharmacy based rotation	0	0	0	0	240	0	360	0
	PPP641	Clinical Pharmacy in Adult general medicine	0	0	0	0	240	0	360	0
	PPP642	Industrial (Drug Tour)	0	0	0	0	240	0	360	0
							720	0	1080	0



EGYPTIAN NATIONAL UNIVERSITIES

مشروع إنشاء الجامعات المصرية الأهلية

جامعة العلمين الدولية

ALALAMEIN INTERNATIONAL UNIVERSITY

Al Alamein
International University

Semester	Code	Course Name	LCT	LAB	TUT	OTH	CNTCT	CH	SWL	ECTS
12	PPP643	Project	0	0	0	0	240	0	360	0
	E3	Elective rotation	0	0	0	0	240	0	360	0
	E3	Elective rotation	0	0	0	0	240	0	360	0
							720	0	1080	0
							1821	179	10950	326

Elective (2)

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	Management of clinical trials
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



EGYPTIAN NATIONAL UNIVERSITIES

مشروع إنشاء الجامعات المصرية الأهلية

جامعة العلمين الدولية

ALALAMEIN INTERNATIONAL UNIVERSITY



Al Alamein
International University

Elective rotations (E3)

PPP644	Critical Care clinical pharmacy rotation
PPP645	Oncology and Hematology clinical pharmacy rotation
PPP646	Infectious Diseases clinical pharmacy rotation
PPP647	Pediatric and Neonates' clinical pharmacy rotation
PPP648	Geriatrics clinical pharmacy rotation
PPP649	Neuropsychiatric clinical pharmacy rotation
PPP650	Obstetrics and Gynecology clinical pharmacy rotation
PPP651	Clinical Nutrition support

References

المرجعية

- 1. University of South Carolina College of Pharmacy:**
Six academic years (2+4), Two years of pre-pharmacy and four years of (Pharm.D.), students complete a total of 215 hours of coursework
https://www.sc.edu/study/colleges_schools/pharmacy/index.php
https://www.sc.edu/study/colleges_schools/pharmacy/pharmacy_education/index.php
- 2. The University of Rhode Island, College of Pharmacy:**
6-year PharmD, In the first two years of the Pharm.D. degree program, the student completes general education requirements along with pre-professional coursework. After the first two years, the student enters the professional years (P1-P4) of the program.
<https://web.uri.edu/pharmacy/academics/pharmd/>
- 3. School of Pharmacy and Pharmaceutical Sciences - University at Buffalo, the state university of New York:**
Early Assurance 2+4=6, Four-year PharmD degree after completing two years of prescribed undergraduate course work and an interview
<http://pharmacy.buffalo.edu/>