



مادة (17):

كود الأقسام ومتطلبات الجامعة والكلية والمقررات الاختيارية

كود الأقسام

Key for Course Abbreviations

PHT	Pharmaceutics and Industrial Pharmacy
PHG	Pharmacognosy
PHM	Microbiology and Immunology
PHB	Biochemistry and Molecular Biology
PHL	Pharmacology and Toxicology
PCO	Pharmaceutical Organic chemistry
PCA	Pharmaceutical Analytical chemistry
PCP	Pharmaceutical Chemistry
PHP	Pharmacy Practice
MTH	Mathematics
MED	Medical Courses
NP	Non Pharmaceutical

2-متطلبات الجامعة*

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam Hours
		Lect.	P/T	Total		Period	P/T	Wr.	Oral		
Human Rights and Fighting Corruption	UR101	1	-	1	Registration	25	-	75	-	100	1
English Language	UR102	2	-	2	Registration	25	-	75	-	100	2

*مقررات متطلب الجامعة تقدير نجاح أو رسوب فقط دون إضافة درجات للمجموع ونسبة النجاح من 50%

- Lect. = Lecture
- Period. = Periodical
- P/ T = Practical / Tutorial
- Wr. = Written



9/1/2020



كلية الصيدلة
Faculty of Pharmacy



3- متطلبات الكلية
1- قسم الصيدلانيات والصيدلة الصناعية

Course Title	Course Code	Credit Hours		
		Lect.	P/T	Total
Pharmacy Orientation	PHT 101	1	-	1
Physical Pharmacy	PHT 202	2	1	3
Pharmaceutics I	PHT 303	2	1	3
Pharmaceutics II	PHT 404	2	1	3
Pharmaceutics III	PHT 505	2	1	3
Biopharmaceutics and Pharmacokinetics	PHT 606	2	1	3
Pharmaceutics IV	PHT 607	2	1	3
Pharmaceutical Technology I	PHT 708	2	1	3
Pharmaceutical Technology II	PHT 809	2	1	3
Pharmaceutical Legislations and Regulatory Affairs	PHT 810	1	-	1
Good Manufacturing Practice	PHT 911	1	1	2
Advanced Drug Delivery Systems	PHT 012	1	1	2
Quality Assurances and GMP	PHT E13	1	1	2
Drug Targeting	PHT E14	1	1	2
Cosmetic Preparations	PHT E15	1	1	2

يرمز الرقم الاول لكود المقرر من اليسار الى الفصل الدراسي والرقمين الاخرين لترتيب المقرر في القسم العلمي ويرمز الحرف الاول (P) من اليسار الى المقررات التخصصية لكلية الصيدلة. والحرف (E) للمقررات الاختيارية

L: Lecture

P: Practical

T: Tutorial





كلية الصيدلة
Faculty of Pharmacy



2 قسم العقاقير

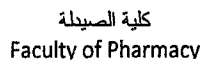
Course Title	Course Code	Credit Hours		
		Lect.	P/T	Total
Medicinal Plants	PHG 101	2	1	3
Pharmacognosy I	PHG 202	2	1	3
Pharmacognosy II	PHG 303	2	1	3
Phytochemistry I	PHG 504	2	1	3
Phytochemistry II	PHG 605	2	1	3
Applied and Forensic Pharmacognosy	PHG 806	1	1	2
Phytotherapy and Aromatherapy	PHG 907	2	1	3
Alternative Medicinal Therapies	PHG E08	1	1	2
Production and Manufacture of Medicinal plants	PHG E09	1	1	2
Nutraceuticals	PHG E10	1	1	2
Chromatography and Separation Techniques	PHG E11	1	1	2

3 قسم الميكروبيولوجيا والمناعة

Course Title	Course Code	Credit Hours		
		Lect.	P/T	Total
General Microbiology and Immunology	PHM 401	2	1	3
Pharmaceutical Microbiology	PHM 502	2	1	3
Parasitology and Virology	PHM 603	2	1	3
Medical Microbiology	PHM 804	2	1	3
Public Health	PHM 905	2	-	2
Biotechnology	PHM 906	2	1	3
Antimicrobial Stewardship	PHM E07	1	1	2
Infection Control	PHM E08	1	1	2
Bioinformatics	PHM E 09	1	1	2



٢٠٢٠/١١/١٠



Course Title	Course Code	Credit Hours		
		Lect.	P/T	Total
Biochemistry I	PHB 401	2	1	3
Biochemistry II	PHB 502	2	1	3
Clinical Biochemistry	PHB 703	2	1	3
Molecular Biology	PHB 804	1	1	2
Genetics and Epigenetic	PHB E05	1	1	2
Applied genetic engineering.	PHB E06	1	1	2

Course Title	Course Code	Credit Hours		
		Lect.	P/T	Total
Biostatistics	PHL 401	1	-	1
Pharmacology I	PHL 502	2	1	3
Pharmacology II	PHL 603	2	1	3
Pharmacology III	PHL 704	2	1	3
Basic and Clinical Toxicology	PHL 805	2	1	3
Drug Information	PHL 906	2	-	2
Drugs of Abuse	PHL E07	1	1	2
Bioassay and Biological Standardization	PHL E08	1	1	2





6 قسم الكيمياء العضوية الصيدلانية

Course Title	Course Code	Credit Hours		
		Lect.	P/T	Total
Pharmaceutical Organic Chemistry I	PCO 101	2	1	3
Pharmaceutical Organic Chemistry II	PCO 202	2	1	3
Pharmaceutical Organic Chemistry III	PCO 303	2	1	3
Advanced Pharmaceutical Analysis – Spectroscopy	PCO E04	1	1	2

7 قسم الكيمياء التحليلية الصيدلانية

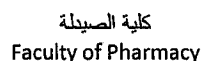
Course Title	Course Code	Credit Hours		
		Lect.	P/T	Total
Pharmaceutical Analytical Chemistry I	PCA 101	2	1	3
Pharmaceutical Analytical Chemistry II	PCA 202	2	1	3
Pharmaceutical Analytical Chemistry III	PCA 303	2	1	3
Instrumental Analysis	PCA 404	2	1	3
Quality Control of Pharmaceuticals	PCA 005	2	1	3

8 قسم الكيمياء الصيدلانية

Course Title	Course Code	Credit Hours		
		Lect.	P/T	Total
Pharmaceutical Chemistry I	PCP 501	2	1	3
Pharmaceutical Chemistry II	PCP 602	2	1	3
Drug Design	PCP 703	1	1	2
Artificial Intelligence in Drug Design	PCP E04	1	1	2
Radiopharmaceutical Chemistry	PCP E05	1	1	2
Nanochemistry	PCP E06	1	1	2
Application of Antigen and Antisense therapy	PCP E07	1	1	2



20/10/2020



Course Title	Course Code	Credit Hours		
		Lect.	P/T	Total
Hospital Pharmacy	PHP 701	2	1	3
Clinical Pharmacokinetics	PHP 702	2	1	3
Community Pharmacy Practice	PHP 803	2	1	3
Clinical Pharmacy I	PHP 904	2	1	3
Clinical Research, Pharmacoepidemiology and Pharmacovigilance	PHP 005	2	-	2
Clinical Pharmacy II and Pharmacotherapeutics	PHP 006	2	1	3
Drug Interaction	PHP 007	1	1	2
Advanced Pharmacotherapy	PHP E08	1	1	2
Topics in Pharmacy Practice	PHP E09	1	1	2
Principles in Pharmacometrics	PHP E10	1	1	2



20/11/2019



المقررات الطبية وغير الصيدلانية ومتطلبات الجامعة والاقسام المشرفة عليها*:

Course Title	Course Code	Credit Hours			Department responsible for supervision
		Lect.	P/T	Total	
Cell Biology	MED 201	1	1	2	مقرر يدرس بواسطة قسم الكيمياء الحيوية والميكروبيولوجي
Anatomy and Histology	MED 202	2	1	3	Pharmacy Practice
Medical Terminology	MED 203	1	-	1	Pharmacology and Toxicology
Physiology and Pathophysiology	MED 304	2	1	3	Pharmacology and Toxicology
Pathology	MED 405	1	1	2	Microbiology and Immunology
First Aid and Basic life Support	MED 006	1	-	1	Pharmacology and Toxicology
Information Technology	NP 101	1	1	2	Pharmaceutical Chemistry
Psychology	NP202	1	-	1	Pharmacy Practice
Scientific Writing	NP 303	1	1	2	Biochemistry and Molecular Biology
Communication Skills	NP404	-	1	1	Biochemistry and Molecular Biology
Marketing and Pharmacoeconomics	NP 905	2	-	2	Pharmacy Practice
Entrepreneurship	NP 006	1	-	1	Pharmaceutics and Industrial Pharmacy
Professional Ethics	NP 007	1	-	1	Pharmaceutical Organic Chemistry
Mathematics	MTH 101	1	-	1	Pharmaceutics and Industrial Pharmacy
Human Rights and Fighting Corruption	UR 101	1	-	1	Pharmaceutical Organic Chemistry
English Language	UR 102	2	-	2	Pharmaceutical Analytical Chemistry

*يرمز الرقم الاول لكود المقرر من اليسار الى الفصل الدراسي والرقمين الاخرين لترتيب المقرر في اللائحة طبقاً للكود الخاص به



٢٠٢٠/١١/٢٠



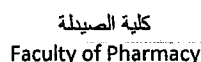
4- مقررات اختيارية *

Elective Courses: The Faculty of Pharmacy offers elective courses from which the students are free to select eight credit hours.

*Each elective course has its defined prerequisite illustrated in course contents

Course Code	Course Title	Credit Hours		
		L	P/T	Total
PHT E13	Quality Assurances and GMP	1	1	2
PHT E14	Drug Targeting	1	1	2
PHT E15	Cosmetic Preparations	1	1	2
PHG E08	Alternative Medicinal Therapies	1	1	2
PHG E09	Production and Manufacture of Medicinal plants	1	1	2
PHG E10	Nutraceuticals	1	1	2
PHG E11	Chromatography and Separation Techniques	1	1	2
PHM E07	Antimicrobial Stewardship	1	1	2
PHM E08	Infection Control	1	1	2
PHM E09	Bioinformatics	1	1	2
PHB E05	Genetics and Epigenetic	1	1	2
PHB E06	Applied Genetic Engineering.	1	1	2
PHL E07	Drugs of Abuse	1	1	2
PHL E08	Bioassay and Biological Standardization	1	1	2
PCO E04	Advanced Pharmaceutical Analysis – Spectroscopy	1	1	2
PCP E04	Artificial intelligence in Drug Design	1	1	2





PCP E05	Radiopharmaceutical chemistry	1	1	2
PCP E06	Nanochemistry	1	1	2
PCP E07	Application of Antigene and Antisense Therapy	1	1	2
PHP E08	Advanced Pharmacotherapy	1	1	2
PHP E09	Topics in Pharmacy Practice	1	1	2
PHP E10	Principles in Pharmacometrics	1	1	2

L: Lecture

P: Practical

T: Tutorial

- لمجلس الكلية طرح المقررات الاختيارية من الجدول السابق في كل مستوى/فصل دراسي وذلك بعد أخذ رأي مجالس الأقسام العلمية المختصة ويمكن للكلية إضافة مقررات اختيارية أخرى بشرط موافقة مجلس الجامعة بعد إبداء المبررات اللازمة وإخطار لجنة القطاع.

مادة (18):

الخطة الدراسية (مرفق 1)

مادة (19):

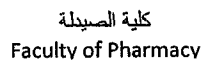
محتوى المقررات الدراسية (مرفق 2)

مادة (20):

تحديث المقررات الدراسية

يجوز تحديث نسبة لا تتجاوز 20% من محتوى المقررات الدراسية بناء على اقتراح مجلس القسم العلمي المختص وموافقة مجلس الكلية واعتماد مجلس الجامعة بعد ابداء المبررات اللازمة.





برنامج التدريب لسنة الامتياز:

يتم وضع برنامج مفصل للتدريب للسنة النهائية (سنة الامتياز) في شكل دورات تناوبية في ملحق به لائحة برنامج التدريب التناوبي بصورة ممنهجة تفصيلية.

12/2/98





Programme Curriculum

الخطة الدراسية

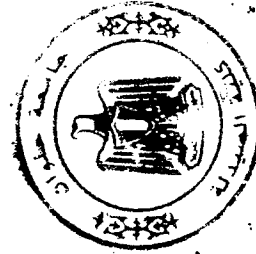
مرفق رقم 1

Table (1)

Semester (1)

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam. Hours
		Lect.	P/T	Total		Period.	P/T.	W/r.	Oral		
Pharmaceutical Analytical Chemistry I	PCA 101	2	1	3	Registration	15	25	50	10	100	2
Pharmaceutical Organic Chemistry I	PCO 101	2	1	3	Registration	15	25	50	10	100	2
Pharmacy Orientation	PHT 101	1	-	1	Registration	25	-	75	-	100	1
Medicinal Plants	PHG 101	2	1	3	Registration	15	25	50	10	100	2
Mathematics	MTH 101	1	-	1	Registration	25	-	75	-	100	1
Information Technology	NP 101	1	1	2	Registration	15	25	60	-	100	1
Human Rights and Fighting Corruption	UR 101	1	-	1	Registration	25	-	75	-	100	1
English Language	UR 102	2	-	2	Registration	25	-	75	-	100	2
Total		9+3	4	13+3						600	

- Lect. = Lecture
- Period. = Periodical
- P/T = Practical / Tutorial
- W/r. = Written



2023/2024

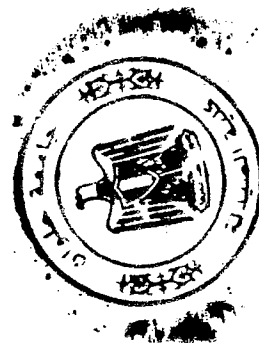


Table (2)

Semester (2)

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam Hours
		Lect.	P/T	Total		Period.	P/T	Wr.	Oral		
Pharmaceutical Analytical Chemistry II	PCA 202	2	1	3	Pharmaceutical Analytical Chemistry I	15	25	50	10	100	2
Pharmaceutical Organic Chemistry II	PCO 202	2	1	3	Pharmaceutical Organic Chemistry-I	15	25	50	10	100	2
Cell Biology	MED 201	1	1	2	Registration	15	25	50	10	100	1
Anatomy and Histology	MED 202	2	1	3	Registration	15	25	60	-	100	2
Physical Pharmacy	PHT 202	2	1	3	Registration	15	25	50	10	100	2
Pharmacognosy I	PHG 202	2	1	3	Medicinal Plants	15	25	50	10	100	2
Psychology	NP 202	1	-	1	Registration	25	-	75	-	100	1
Medical Terminology	MED 203	1	-	1	Registration	25	-	75	-	100	1
Total		13	6	19						800	

- *Lect.* = Lecture
- *Period.* = Periodical
- *P/T.* = Practical / Tutorial
- *Wr.* = Written



2019/2020



Table (3)

Semester (3)

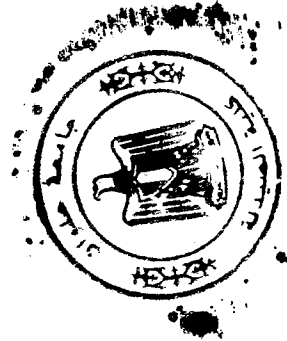
Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam. Hours
		Lect.	P/T	Total		Period	P/T	Wr.	Oral		
Pharmaceutical Analytical Chemistry III	PCA 303	2	1	3	Pharmaceutical Analytical Chemistry-I	15	25	50	10	100	2
Pharmaceutical Organic Chemistry III	PCO 303	2	1	3	Pharmaceutical Organic Chemistry-I	15	25	50	10	100	2
Scientific Writing	NP 303	1	1	2	Registration	15	25	60	-	100	1
Pharmacognosy II	PHG 303	2	1	3	Medicinal plants	15	25	50	10	100	2
Physiology and Pathophysiology	MED 304	2	1	3	Registration	15	25	50	10	100	2
Pharmaceutics I	PHT 303	2	1	3	Physical Pharmacy	15	25	50	10	100	2
Total		11	6	17						600	

○ Lect. = Lecture

○ Period. = Periodical

○ P/ T = Practical / Tutorial

○ Wr. = Written



2022/23

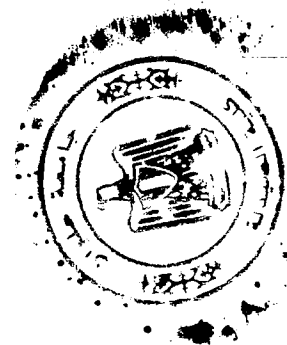


Table (4)

Semester (4)

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam. Hours
		Lect.	P/T	Total		Period	P/T	Wr.	Oral		
Biochemistry I	PHB 401	2	1	3	Registration	15	25	50	10	100	2
General Microbiology and Immunology	PHM 401	2	1	3	Registration	15	25	50	10	100	2
Instrumental Analysis	PCA 404	2	1	3	Pharmaceutical Analytical Chemistry I	15	25	50	10	100	2
Pathology	MED 405	1	1	2	Histology and Anatomy	15	25	50	10	100	1
Pharmaceutics II	PHT 404	2	1	3	Physical Pharmacy	15	25	50	10	100	2
Communication skills	NP 404	-	1	1	Registration	15	25	60	-	100	1
Biostatistics	PHL 401	1	-	1	Registration	25	-	75	-	100	1
Total		10	6	16						700	

- Lect. = Lecture
- Period. = Periodical
- P/T = Practical / Tutorial
- Wr. = Written



23/3/2018

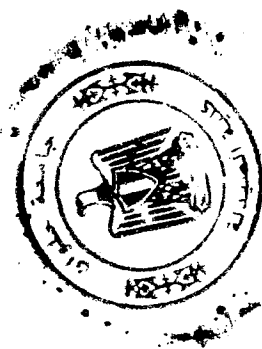


Table (5)

Semester (5)

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam. Hours
		Lect.	P/T	Total		Period.	P/T	Wr.	Oral		
Biochemistry II	PHB 502	2	1	3	Biochemistry I	15	25	50	10	100	2
Pharmaceutical Microbiology	PHM 502	2	1	3	General Microbiology and Immunology	15	25	50	10	100	2
Phytochemistry I	PHG 504	2	1	3	Pharmacognosy II	15	25	50	10	100	2
Pharmaceutics III	PHT 505	2	1	3	Pharmaceutics I	15	25	50	10	100	2
Pharmaceutical Chemistry I	PCP 501	2	1	3	Pharmaceutical Organic III	15	25	50	10	100	2
Pharmacology I	PHL 502	2	1	3	Physiology and Pathophysiology	15	25	50	10	100	2
Total		12	6	18						600	

- Lect. = Lecture
- Period. = Periodical
- P/T = Practical / Tutorial
- Wr. = Written



2022/23 P



Table (6)

Semester (6)

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam Hours
		Lect.	P/T	Total		Period.	P/T.	Wr.	Oral		
Parasitology and Virology	PHM 603	2	1	3	General Microbiology and Immunology	15	25	50	10	100	2
Bio pharmaceuticals and Pharmacokinetics	PHT 606	2	1	3	Pharmaceutics III	15	25	50	10	100	2
Phytochemistry II	PHG 605	2	1	3	Phytochemistry I	15	25	50	10	100	2
Pharmaceutics IV	PHT 607	2	1	3	Pharmaceutics II	15	25	50	10	100	2
Pharmacology II	PHL 603	2	1	3	Pharmacology I	15	25	50	10	100	2
Pharmaceutical Chemistry II	PCP 602	2	1	3	Pharmaceutical Chemistry I	15	25	50	10	100	2
Total		12	6	18						600	

- Lect. = Lecture
- Period. = Periodical
- P/T = Practical / Tutorial
- Wr. = Written



2020/2021



Table (7)

Semester (7)

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks			Total Marks	Final Exam. Hours
		Lect.	P/T	Total		Period.	P/T.	Wr.		
Pharmacology III	PHL 704	2	1	3	Pharmacology II	15	25	50	10	2
Drug Design	PCP 703	1	1	2	Pharmaceutical Chemistry I	15	25	50	10	1
Clinical Biochemistry	PHB 703	2	1	3	Biochemistry II	15	25	50	10	2
Pharmaceutical Technology I	PHT 708	2	1	3	Pharmaceutics IV	15	25	50	10	2
Hospital Pharmacy	PHP 701	2	1	3	Pharmacology II	15	25	50	10	2
Clinical Pharmacokinetics	PHP 702	2	1	3	Biopharmaceutics and Pharmacokinetics	15	25	50	10	2
Elective	PE-	1	1	2	As Defined	15	25	60	-	1
Total		12	7	19						700

- Lect. = Lecture
- Period. = Periodical
- P/T = Practical / Tutorial
- Wr. = Written

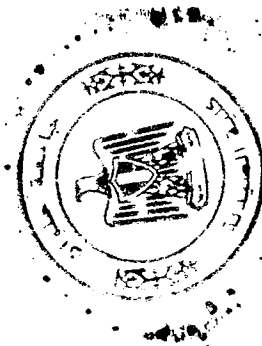


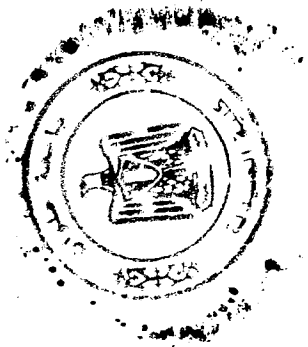


Table (8)

Semester (8)

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam. Hours
		Lect.	P/T	Total		Period.	P/T	Wr.	Oral		
Medical Microbiology	PHM 804	2	1	3	Pharmaceutical Microbiology	15	25	50	10	100	2
Molecular Biology	PHB 804	1	1	2	Cell Biology	15	25	50	10	100	1
Basic and Clinical Toxicology	PHL 805	2	1	3	Pharmacology III	15	25	50	10	100	2
Applied and Forensic Pharmacognosy	PHG 806	1	1	2	Phytochemistry II	15	25	50	10	100	1
Pharmaceutical Technology II	PHT 809	2	1	3	Pharmaceutical Technology I	15	25	50	10	100	2
Community Pharmacy Practice	PHP 803	2	1	3	Pharmacology II	15	25	50	10	100	2
Pharmaceutical Legislations and Regulatory Affairs	PHT 810	1	-	1	Registration	25	-	75	-	100	1
Elective	PE -	1	1	2	As Defined	15	25	60	-	100	1
Total		12	7	19						800	

- Lect = Lecture
- Period = Periodical
- P/T = Practical / Tutorial
- Wr. = Written



2023/24



Table (9)

Semester (9)

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam. Hours
		Lect.	P/T	Total		Period	P/T	Wr.	Oral		
Public Health	PHM 905	2	-	2	Medical Microbiology	25	-	75	-	100	2
Clinical Pharmacy I	PHP 904	2	1	3	Community Pharmacy	15	25	50	10	100	2
Biotechnology	PHM 906	2	1	3	Pharmaceutical Microbiology	15	25	50	10	100	2
Phytotherapy and Aromatherapy	PHG 907	2	1	3	Phytochemistry II	15	25	50	10	100	2
Good Manufacturing Practice	PHT 911	1	1	2	Pharmaceutical Technology I	15	25	50	10	100	1
Marketing and Pharmacoeconomics	NP 905	2	-	2	Registration	25	-	75	-	100	2
Drug Information	PHL 906	2	-	2	Pharmacology III	15	-	75	10	100	2
Elective	PE -	1	1	2	As defined	15	25	60	-	100	1
Total		14	5	19						800	

○ Lect. = Lecture

○ Period. = Periodical

○ P/T = Practical / Tutorial

○ Wr. = Written



Handwritten signature/initials



Table (10)

Semester (10)

Course Title	Course Code	Credit Hours			Prerequisite	Examination Marks				Total Marks	Final Exam. Hours
		Lect.	P/T	Total		Period.	P/T	Wr.	Oral		
Quality Control of Pharmaceuticals	PCA 005	2	1	3	Pharmaceutical Analytical Chemistry II	15	25	50	10	100	2
First Aid and Basic Life Support	MED 006	1	-	1	Registration	25	-	75	-	100	1
Clinical Research, Pharmacoepidemiology and Pharmacovigilance	PHP 005	2	-	2	Basic and Clinical Toxicology	25	-	75	-	100	2
Clinical Pharmacy II and Pharmacotherapeutics	PHP 006	2	1	3	Clinical Pharmacy I	15	25	50	10	100	2
Drug Interaction	PHP 007	1	1	2	Pharmacology III	15	25	50	10	100	1
Advanced Drug Delivery Systems	PHT 012	1	1	2	Pharmaceutics IV	15	25	50	10	100	1
Entrepreneurship	NP 006	1	-	1	Registration	25	-	75	-	100	1
Professional Ethics	NP 007	1	-	1	Registration	25	-	75	-	100	1
Elective	PE -	1	1	2	As Defined	15	25	60	-	100	1
Total		12	5	17						900	

○ Lect. = Lecture

○ Period. = Periodical

○ P/ T = Practical / Tutorial

○ Wr. = Written



2019/2020