

2021/2022

First year / Credit hours: 33

## First Semester

Course title	Hours/week		Credit Hours	Code
	Theory	Practical		
Human biology	2	2	3	
Principles of Pharmacy Practice	2	----	2	
Analytical Chemistry	3	2	4	
Medical Terminology	1	----	1	
Mathematics and Biostatistics	3	----	3	
Computer Sciences	----	2	1	
English Language	2	----	2	

## Second Semester

Course title	Hours/week		Credit Hours	Code
	Theory	Practical		
Human Anatomy	1	2	2	
Pharmaceutical Calculations	2	2	3	
Medical Physics	2	2	3	
Organic Chemistry I	3	2	4	
Histology	2	2	3	
Human Rights	1	----	1	
Computer Sciences	----	2	1	
English Language	1	----	1	

2021/2022

Second year/ Credit hours: 42

## First Semester

Course title	Hours/week		Credit Hours	Code
	Theory	Practical		
Organic Chemistry II	3	2	4	
Medical Microbiology I	3	2	4	
Physical Pharmacy I	3	2	4	
Physiology I	3	2	4	
Democracy	1	---	1	
Computer Sciences	----	2	1	
English Language	1	----	1	
Biosecurity & Biosafety	1	2	2	

## Second Semester

Course title	Hours/week		Credit Hours	Code
	Theory	Practical		
Organic Chemistry III	2	2	3	
Medical Microbiology II	3	2	4	
Physical Pharmacy II	3	2	4	
Physiology II	3	2	4	
Pharmacognosy I	3	2	4	
Computer Sciences	----	2	1	
English Language	1	----	1	
Arabic Language	2	-----	2	

## Third year / Credit hours: 39

### 2021/2022 First Semester

Course title	Hours/week		Credit Hours	Code
	Theory	Practical		
Inorganic Pharmaceutical Chemistry	2	2	3	
Pharmacognosy II	2	2	3	
Pharmaceutical Technology I	3	2	4	
Biochemistry I	3	2	4	
Pathophysiology	3	2	4	
English Language	1	----	1	

### Second Semester

Course title	Hours/week		Credit Hours	Code
	Theory	Practical		
Organic Pharm. Chemistry I	3	2	4	
Pharmacology I	3	----	3	
Pharm. Technology II	3	2	4	
Biochemistry II	3	2	4	
Pharmacognosy III	2	2	3	
Pharmacy Ethics	1	----	1	
English Language	1	----	1	

## Fourth year/ Credit hours: 36

2021/2022 First Semester

Course title	Hours/week		Credit Hours	Code
	Theory	Practical		
Pharmacology II	3	2	4	
Organic Pharm. Chemistry II	3	2	4	
Clinical Pharmacy I	2	2	3	
Biopharmaceutics	2	2	3	
Public Health	2	----	2	
English Language	1	----	1	

Second Semester

Course title	Hours/week		Credit Hours	Code
	Theory	Practical		
Pharmacology III	2	----	2	
Organic Pharm. Chemistry III	3	2	4	
Clinical Pharmacy II	2	2	3	
General Toxicology	2	2	3	
Industrial Pharmacy I	3	2	4	
Communication Skills	2	----	2	
English Language	1	----	1	

**Fifth year / Credit hours: 35****2021/2022** First Semester

Course title	Hours/week		Credit Hours	Code
	Theory	Practical		
<b>Organic Pharm. Chemistry IV</b>	<b>2</b>	<b>----</b>	<b>2</b>	
<b>Industrial Pharmacy II</b>	<b>3</b>	<b>2</b>	<b>4</b>	
<b>Applied Therapeutics- I</b>	<b>3</b>	<b>----</b>	<b>3</b>	
<b>Clinical Chemistry</b>	<b>3</b>	<b>2</b>	<b>4</b>	
<b>Clinical Laboratory Training</b>	<b>----</b>	<b>4</b>	<b>2</b>	
<b>Clinical Toxicology</b>	<b>2</b>	<b>2</b>	<b>3</b>	
<b>Graduation project</b>	<b>1</b>	<b>----</b>	<b>1</b>	

**Second Semester**

Course title	Hours/week		Credit Hours	Code
	Theory	Practical		
<b>Pharmacoeconomic</b>	<b>2</b>	<b>----</b>	<b>2</b>	
<b>Applied Therapeutics- II</b>	<b>2</b>	<b>----</b>	<b>2</b>	
<b>Therapeutic Drug Monitoring (TDM)</b>	<b>2</b>	<b>2</b>	<b>3</b>	
<b>Advanced Pharmaceutical Analysis</b>	<b>3</b>	<b>2</b>	<b>4</b>	
<b>Hospital Training</b>	<b>----</b>	<b>4</b>	<b>2</b>	
<b>Dosage Form Design</b>	<b>2</b>	<b>----</b>	<b>2</b>	
<b>Pharmaceutical Biotechnology</b>	<b>1</b>	<b>----</b>	<b>1</b>	

**Total Credit Hours: 185**