



College of Pharmacy / University of Basrah
Pharmacy Bachelor Degree Syllabus for the Academic Year
2020-2021

First Stage
Credit hours: 33

1st 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	1	----	1	

2nd 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	



Second Stage
Credit hours: 42

1st 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	

2nd 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 Stage Credit hours: 39

1st 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	

2nd 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 Stage
Credit hours: 36

1st 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	

2nd 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 Stage Credit hours: 35

1st Semester

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

2nd Semester

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

Total Credit Hours: 185