

The Bachelor of Pharmacy curriculum:

Pre-Professional Year 1

Fall Semester (16 credits)

Number	Course Name	Cr.
BIOL200	General Biology I	3
BIOL200L	General Biology I Lab	1
CHEM200	General Chemistry	3
CHEM200L	General Chemistry Lab	1
CULT200	Introduction to Arab - Islamic Civilization	3
ENGL201	Composition and Research Skills	3
PHAR200	Introduction to Drug Information	2

Spring Semester (17 credits)

Number	Course Name	Cr.
BIOL360	Human Physiology & Anatomy	4
BIOL360L	Human Physiology & Anatomy Lab	1
CSCI200	Introduction to Computers	3
CHEM250	Organic Chemistry I	3
ENGL251	Communication Skills	3
PHAR250	Pharmacy Practice, History & Ethics	3

Pre-Professional Year 2

Fall Semester (17 credits)

Number	Course Name	Cr.
*****	General Education I	3
BIOC310	Medical Biochemistry	4
MATH245	Statistics for Health Sciences	3
CHEM300	Organic Chemistry II	3
CHEM300L	Organic Chemistry Lab	2
PHAR300	Pharmaceutical Calculations	2

Spring Semester (15 credits)

Number	Course Name	Cr.
*****	General Education II	3
BMED445	Pathophysiology	3
PHAR205	Quantitative Analysis	2
BIOL385	Microbiology	3
BIOL385L	Microbiology Lab	1
ARAB200	Arabic Language & Literature	3

Professional Year 1

Fall Semester (18 credits)

Number	Course Name	Cr.
PHAR400	Medicinal Chemistry I	3
PHAR407	Pharmaceutical Analysis & Biotechnology	2
PHAR407L	Pharmaceutical / Biotechnology Lab	1
PHAR410	Drug Dosage Forms I	3
PHAR420	Physical Pharmacy	3
PHAR425	Pharmacognosy & Herbal Medicine	3
PHAR435	Dermatology and Cosmetology	3

Spring Semester (17 credits)

Number	Course Name	Cr.
PHAR415	Professional Communication	1
PHAR450	Medicinal Chemistry II	3
PHAR455	Physical Assessment in Pharmacy Practice	3
PHAR460	Pharmacy Management & Drug Marketing	3
PHAR465	Interpretation of Lab Data	3
PHAR472	Drug Dosage Forms II	3
PHAR472L	Compounding Lab	1

Summer Semester (6 credits)

Number	Course Name	Cr.
PHAR480	Pharmacy Practice Experience I (PPE I)	6

Professional Year 2

Fall Semester (17 credits)

Number	Course Name	Cr.
PHAR500	Pharmacy Elective I	3
PHAR505	Pharmacology I	4
PHAR510	Biopharmaceutics & Pharmacokinetics	4
PHAR515	Pharmacotherapeutics I	3
PHAR520	Pharmacotherapeutics II	3

Spring Semester (18 credits)

Number	Course Name	Cr.
PHAR550	Pharmacy Elective II	3
PHAR555	Pharmacology II	4
PHAR560	Pharmacogenomics	3
PHAR565	Pharmacotherapeutics III	3
PHAR570	Pharmacotherapeutics IV	3
PHAR585	Pharmacy Seminar	2

Summer Semester (6 credits)

Number	Course Name	Cr.
PHAR580	Pharmacy Practice Experience II (PPE II)	6

Professional Year 3

Fall Semester (17 credits)

Number	Course Name	Cr.
PHAR606	Non-Prescription Drugs	3
PHAR610	Toxicology	3
PHAR615	Pharmacotherapeutics V	3
PHAR620	Pharmacotherapeutics VI	3
PHAR625	Pharmacoeconomics	3
PHAR635	Parenteral Dosage Forms	2

Spring Semester (15 credits)

Number	Course Name	Cr.
PHAR650	Pharmacy Dispensing Practice	2
PHAR656	Pharmacy Law	1
PHAR660	Pharmacy Practice Experience III (PPE III)	6
PHAR665	Pharmacy Practice Experience IV (PPE IV)	6