

ASSOCIATE DEGREE IN PHARMACY PROGRAMME
PROGRAM MATRIX WITH CREDITS AND PRE-REQUISITES (66 credits)

COURSES	CR	PRE-REQUISITES
YEAR 1 SEMESTER 1 (17 CR)		
CHEM117 Organic Chemistry I	4	
PHAR115 Pharmacy Calculations	3	
PHAR113 Pharmaceutics & Pharmacokinetics/dynamics	4	
PHAR111 Pharmacy Practice Lab	2	
PHAR114 Nonprescription Medications	3	
PHAR116 Medical Terminology	1	
PHAR112 Introductory Pharmacy Experience 1	0	
YEAR 1 SEMESTER 2 (15 CR)		
CHEM127 Organic Chemistry II	4	CHEM117 Organic Chemistry I
PHAR125 Pharmacology	3	PHAR116 Medical Terminology
PHAR121 Pharmacy Law & Ethics	3	
PHAR123 Pharmacogenomics & Drug Interactions	2	PHAR116 Medical Terminology
PHAR124 Pharmacotherapeutics of Anti-infectives	3	
PHAR122 Introductory Pharmacy Experience 2	0	PHAR115 Pharmacy Calculations PHAR116 Medical Terminology PHAR112 Introductory Pharmacy Experience 1 (pre-req for all year 2 courses)
YEAR 2 SEMESTER 1 (16 CR)		
PHAR211 Medicinal Biochemistry	2	PHAR115 Pharmacy Calculations CHEM127 Organic Chemistry II
PHAR216 Pharmacotherapeutics I	6	PHAR115 Pharmacy Calculations
PHAR213 Pharmacotherapeutics I Skills Lab/Cases	2	PHAR115 Pharmacy Calculations

PHAR214 Pharmacy Management and Operations	3	
PHAR215 Biostatistics and Literature Evaluation	3	
PHAR212 Introductory Pharmacy Experience 3	0	PHAR122 Introductory Pharmacy Experience 2

YEAR 2 SEMESTER 2 (15 CR)		
PHAR221 Medicinal Chemistry I	4	
PHAR226 Pharmacotherapeutics II	6	PHAR216 Pharmacotherapeutics I
PHAR223 Pharmacotherapeutics II Skills Lab/Cases	2	PHAR213 Pharmacotherapeutics I Skills Lab/Cases
PHAR224 Herbal Medications and Medical Devices	3	
PHAR222 Introductory Pharmacy Experience 4	0	PHAR212 Introductory Pharmacy Experience 3
YEAR 2 SEMESTER 2 (3 CR)		
PHAR235 Advanced Pharmacology	3	PHAR125 Pharmacology
PHAR233 Pharmacy Internship		ALL CORE COURSES

NB: These students have already completed Pre-Health Certificate, which satisfied General Education requirements for their degree.