

BACHELOR OF SCIENCE IN PHARMACY						
EFFECTIVE ACADEMIC YEAR 2020-2021						
COURSE CODE	COURSE TITLE	HOURS		UNITS	PRE-REQUISITE	
		LEC	LAB			
FIRST YEAR						
FIRST SEMESTER		17	9	25		
PhBioSci131	Pharmaceutical Botany and Taxonomy (lec)	2	0	2	None	
PhBioSci181	Pharmaceutical Botany and Taxonomy (lab)	0	3	1	None	
Pharma131	Perspective in Pharmacy	2	0	2	None	
PhCh131	Pharmaceutical Inorganic Chemistry (lec)	2	0	2		
PhCh181	Pharmaceutical Inorganic Chemistry (lab)	0	3	1		
PharmCal131	Pharmaceutical Calculation and Techniques (lec)	2	0	2		
PharmCal181	Pharmaceutical Calculation and Techniques (lab)	0	3	1		
Engl031	Purposive Communication	3	0	3	None	
Psych031	Understanding the Self	3	0	3	None	
Philo031	Ethics	3	0	3	None	
PE103	Movement Enhancement	0	0	2	None	
NSTP 111	National Service Training Program I	0	0	3	None	
SECOND SEMESTER		19	12	28		
PhCare132	Introduction to the Health Care System	1	0	1		
PhOrg132	Pharmaceutical Organic Chemistry (lec)	2	0	2		
PhOrg182	Pharmaceutical Organic Chemistry (lab)	0	3	1		
PhBioSci132	General Human Physiology and Pathophysiology with Family Planning (lec)	3	0	3		
PhBioSci182	General Human Physiology and Pathophysiology with Family Planning (lab)	0	6	2		
PharmAd132	Introduction to Pharmacy Administration, Management, and Leadership	2	0	2		
PhQC132	Pharmaceutical Analysis 1 (Quantitative Pharmaceutical Chemistry) (lec)	2	0	2	PhCH131/ PhCH181	
PhQC182	Pharmaceutical Analysis 1 (Quantitative Pharmaceutical Chemistry) (lab)	0	3	1	PhCH131/ PhCH181	
Math031	Mathematics is the Modern World	3	0	3		
Engl014	Technical Writing and Communication	3	0	3		
Hum031	Art Appreciation	3	0	3		
PE104	Fitness Exercise			2	PE103	
NSTP 112	National Service Training Program II			3	NSTP 111	
SECOND YEAR						
FIRST SEMESTER		17	24	27		
PhDDS231	Pharmaceutical Dosage Forms, Drug Delivery System and Medical Device (lec)	2	0	2	PharmCal131/ PharmCal181	
PhDDS281	Pharmaceutical Dosage Forms, Drug Delivery System and Medical Device (lab)	0	6	2	PharmCal131/ PharmCal181	
PhDisp231	Dispensing 1 (Dispensing Process, Reading, and Interpreting the Prescription and Other Medicine Orders) (lec)	1	0	1		
PhDisp281	Dispensing 1 (Dispensing Process, Reading, and Interpreting the Prescription and Other Medicine Orders) (lab)	0	3	1		
PhyPharm231	Physical Pharmacy (lec)	2	0	2	PhQC132/ PhQC182	
PhyPharm281	Physical Pharmacy (lab)	0	3	1	PhQC132/ PhQC182	
PhBioSci231	Pharmaceutical Microbiology and Parasitology (lec)	2	0	2		
PhBioSci281	Pharmaceutical Microbiology and Parasitology (lab)	0	6	2		
PhBioChem231	Biochemistry/ Biomolecules (lec)	3	0	3		

PhBioChem281	Biochemistry/ Biomolecules (lab)	0	6	2	
PhCom231	Complementary and Alternative Medicine	1	0	1	
Rizal 031	The Life and Works of Rizal	3	0	3	
SocSci032	The Contemporary World	3	0	3	None
PE205	Physical Activities Towards Health and Fitness	0	0	2	PE104
				27	
SECOND SEMESTER		18	15	25	
PhInfo232	Pharmacy Informatics (lec)	2	0	2	
PhInfo282	Pharmacy Informatics (lab)	0	3	1	
PhBioSci232	Pharmacognosy and Plant Chemistry (lec)	3	0	3	
PhBioSci282	Pharmacognosy and Plant Chemistry (lab)	0	6	2	
PharmChem232	Pharmaceutical and Medicinal Organic Chemistry (lec)	2	0	2	
PharmChem282	Pharmaceutical and Medicinal Organic Chemistry (lab)	0	3	1	
PhIA232	Pharmaceutical Analysis 2 (Instrumental Methods of Analysis) (lec)	2	0	2	PhQC132/ PhQC182
PhIA282	Pharmaceutical Analysis 2 (Instrumental Methods of Analysis) (lab)	0	3	1	PhQC132/ PhQC182
STS031	Science, Technology and Society	3	0	3	None
ENTREP212	The Entrepreneurial Mind	3	0	3	
SocSci031	Readings in Philippine History	3	0	3	None
PE206	Physical Education 4 (Sports)	0	0	2	PE 205
THIRD YEAR					
FIRST SEMESTER		19	6	21	
Pharmaceutics331	Pharmaceutical Manufacturing & CGMP with Quality Assurance (lec)	3	0	3	PhDDS231/ PhDDS281
Pharmaceutics381	Pharmaceutical Manufacturing & CGMP with Quality Assurance (lab)	0	6	2	PhDDS231/ PhDDS281
Pharma331	Pharmacology 1	3	0	3	PhBioSci132/ PhBioSci182
PhDrugDev331	Drug Discovery & Development	2	0	2	3rd year Standing
PhMed331	Integrative Medicine (Complementary & Alternative Medicine)	2	0	2	3rd year Standing
PhDDS331	Drug Delivery Systems	3	0	3	PhOrg132&182/ PhDDS231/ PhDDS281
PhAd331	Pharmaceutical Marketing and Entrepreneurship	3	0	3	PharmAd132
ENGL391	English Language Test for Migrants	3	0	3	None
SECOND SEMESTER		19	6	21	
PhDisp332	Dispensing & Medication Safety (Rx analysis, medication review, medication related problems, physico-chem, therap. Incomps) (lec)	2	0	2	PhBioSci232/ PhDDS231/ PhDDS281
PhDisp382	Dispensing & Medication Safety (Rx analysis, medication review, medication related problems, physico-chem, therap. Incomps) (lab)	0	3	1	PhBioSci232/ PhDDS231/ PhDDS281
Pharma332	Pharmacology 2	3	0	3	PhBioSci232
Pharmaceutics332	Cosmetic Product Formulation (lec)	2	0	2	Pharmaceutics331/ Pharmaceutics381
Pharmaceutics382	Cosmetic Product Formulation (lab)	0	3	1	Pharmaceutics331/ Pharmaceutics381
PhBiopharm332	Biopharmaceuticals (Pharmaceuticals from Biotechnology)	3	0	3	PhBioChem231/ PhBioChem281
PhCare332	Pharmacotherapy 1	4	0	4	PhBioSci232
PhAd332	Pharmacy Business Management (with Accounting)	2	0	2	PharmAd132/ 3rd year standing
PhInfo332	Pharmacy Informatics	3	0	3	3rd year standing

FOURTH YEAR					
FIRST SEMESTER		20	9	23	
Pharma431	Hospital Pharmacy with Interprofessional Approach	3	0	3	PhDisp332/ PhDisp382
PhStat431	Pharmaceutical Statistics (lec)	2	0	2	PhInfo232 & 282/ Senior Standing
PhStat481	Pharmaceutical Statistics (lab)	0	6	2	
PhRes431	Pharmacy Research Methods	3	0	3	PhInfo232&282/ Senior Standing
PhCare431	Pharmacotherapy 2	4	0	4	Pharma332/ PhCare332
PhPub431	Public Health Pharmacy	3	0	3	PhBioSci231/ PhBioSci281
PhPMC431	Patient Medication Counseling	3	0	3	Pharma332
PharmChem431	Pharmaceutical Toxicology (lec)	2	0	2	Pharma332
PharmChem481	Pharmaceutical Toxicology (lab)	0	3	1	
SECOND SEMESTER		21	0	21	
PhCare432	Pharmacotherapy 3	4	0	4	PhCare431
PhRP432	Regulatory Pharmacy	3	0	3	Pharmaceutics331
PhLPE432	Legal Pharmacy & Ethics	3	0	3	Senior Standing
PhPharm432	Introduction to Pharmacoepidemiology	3	0	3	PhCare431
PhRes432	Pharmacy Research and Thesis Writing	3	0	3	PhRes431
PhEcon432	Pharmacoeconomics	3	0	3	Pharma332
PhHeathTech432	Health Technology Assessments & Health Policy	2	0	2	PhCare431
FIFTH YEAR					
FIRST SEMESTER					
PhPracExp501A	Internship Pharmacy Practice Experience (Institutional)			120 hours	PhRP432/5th year standing
PhPraExp501B	Internship Pharmacy Practice Experience (Social & Administrative Pharmacy)			180 hours	PhEcon431/ PhHealthTech432 / 5th year standing
PhPracExp501C	Internship Pharmacy Practice Experience (Community)			300 hours	PhDDS231&281/ PhDisp332&382/ Pharma332/ 5th year standing
				600 hours	
SECOND SEMESTER					
PhPracExp502A	Internship Pharmacy Practice Experience (Hospital)			300 hours	Pharma431/ PhCare432/ 5th year standing
PhPracExp502B	Internship Pharmacy Practice Experience (Industry)			300 hours	Pharmaceutics331&381/ PhAd332/ PhRP432/ PhInfo232&282/ 5th year standing
				600 hours	