



BACHELOR OF SCIENCE IN PHARMACEUTICAL SCIENCES – 2018 CURRICULUM

	Units	Pre-requisite/s	Co-requisite/s
FIRST YEAR			
1 st Semester			
_____ GE (Core)	3.0		
_____ GE (Core)	3.0		
_____ GE (Core)	3.0		
_____ GE (Prescribed)	3.0		
_____ Physical Education 1	(2.0)		
_____ NSTP 1	(3.0)		
_____ Chem 18: Fundamentals of Gen Chem II	3.0		
_____ Pharm 101: Pharmacy as a Profession	2.0		
_____ Pharm 106: Pharmaceutical Calculations	2.0		
	<u>19.0</u>		
2 nd Semester			
_____ GE (Core)	3.0		
_____ GE (Core)	3.0		
_____ Bio 127: Plant Taxonomy	3.0		
_____ PI 100: The Life & Works of Jose Rizal	3.0		
_____ Physical Education 2	(2.0)		
_____ NSTP 2	(3.0)		
_____ Pharm 107: Pharm Analytical & Inorg Chem	3.0	Chem 18, Pharm 106	
_____ Pharm 107.1: Pharm Ana & Inorg Chem Lab	1.0		Pharm 107
_____ Pharm 110: Pharmaceutical Organic Chemistry	3.0	Chem 18	
_____ Pharm Sci 140.1: Tech in Pharm Org Chem 1	1.0		Pharm 110
	<u>20.0</u>		
SECOND YEAR			
1 st Semester			
_____ GE (Core)	3.0		
_____ GE (Elective)	3.0		
_____ Physical Education 2	(2.0)		
_____ Pharm 113: Pharmaceutical Biochemistry	3.0	Pharm 110	
_____ Pharm 195: Pharmaceutical Statistics	3.0		
_____ Pharm Sci 143.1: Pharm Biochemical Analysis	1.0	Pharm Sci 140.1	Pharm 113
_____ Pharm Sci 144: Inst Methods in Pharm Analysis	3.0	Phm 107/.1, PSci 140.1	
	<u>16.0</u>		
2 nd Semester			
_____ Physical Education 2	(2.0)		
_____ Pharm 104: Pharmacognosy	3.0	Bio 127	
_____ Pharm 120: Human Ana-Physio for Pharmacy 1	2.0		Pharm 113
_____ Pharm 125: Pharmacology for Pharmacy 1	2.0		Pharm 120
_____ Pharm 114: Phar Microbiology & Parasitology	3.0	Pharm 113	
_____ Pharm 130: Pharmaceutics 1	5.0	Pharm 107.1	
_____ Pharm Sci 141: Pharm Organic Synthesis	2.0	Pharm 110	
_____ Pharm Sci 141.1: Tech in Pharm Org Chem 2	2.0	Pharm Sci 140.1	Pharm Sci 141
	<u>19.0</u>		



THIRD YEAR

1st Semester

Pharm 116: Pharmaceutical Management	2.0		
Pharm 121: Human Ana-Physio for Pharmacy 2	2.0	Pharm 120	
Pharm 126: Pharmacology for Pharmacy 2	2.0	Pharm 125	Pharm 121
Pharm 127: Pharmaceutical Toxicology	2.0	Pharm 125	
Pharm 131: Pharmaceutics 2	2.0	Pharm 130	
Pharm 199: Research Methods in Pharmacy	2.0	Pharm 195	
Pharm Sci 146: Medicinal Natural Products	4.0	Phm 104,113, PSci 141	
Pharm Sci 152: Hospital Pharmacy	3.0	Pharm 125	Pharm 116
Pharm Sci 171.1: Integrated Pharm Sci Lab 1	2.0	Pharm 114, PSci 144	Pharm 131
	<u>21.0</u>		

2nd Semester

Pharm 117: Pharmaceutical Accounting	2.0	Pharm 116	
Pharm 128: Medicinal Chemistry	3.0	Pharm 126	
Pharm 129: Pharmaceutical Biotechnology	2.0	Pharm 126	
Pharm 133: Dispensing & Incompatibilities	3.0	Pharm 125	Pharm 126, 130
Pharm Sci 147: Ana Crude Drugs & Nat Prod	1.0	Pharm Sci 146	
Pharm Sci 150: Professional Pharmacy Comm	2.0	3 rd year standing	
Pharm Sci 154: Pharmacotherapeutics	3.0	Pharm 126	
Pharm Sci 160: Biological Assays	1.0	Pharm 126	
Pharm Sci 162: Pharmacokinetics in Drug Devt	2.0	Pharm 131	
Pharm Sci 172.1: Integrated Pharm Sci Lab 2	2.0	Pharm Sci 171.1	Pharm Sci 147, 160
	<u>21.0</u>		

FOURTH YEAR

1st Semester

Pharm 118: Pharmaceutical Marketing	2.0	Pharm 117	
Pharm 138: HTA & Pharmaceutical Policy	3.0	4 th year standing	
Pharm 197: Pharmacy Seminar	1.0	4 th year standing	
Pharm Sci 156: Pharmacy in Public Health	2.0	Pharm Sci 152	Pharm 138
Pharm Sci 164: Biopharmaceutics	3.0	Pharm Sci 162	
Pharm Sci 173.1: Integrated Pharm Sci Lab 3	1.0	Ph 128, PSc 162, 172.1	
Pharm Sci 174.1: Integrated Pharm Sci Lab 4	1.0	Phm 127, PSci 160	Pharm Sci 173.1
Pharm Sci 182: Prod Planning & Inv Control	3.0	Pharm 131	
Pharm Sci 184: QA of Pharmaceuticals	3.0	Phm 131, PSci 172.1	
	<u>19.0</u>		

2nd Semester

Pharm 136: Legal Pharmacy	2.0	2 nd year standing	
Pharm Sci 180.1: Pharm Sciences Internship 1	7.5	4 th year standing	
Pharm Sci 185: Pharmaceutical Engineering	3.0	Pharm Sci 184	
Pharm Sci 187: Pharmaceutical Formulations	3.0	Pharm Sci 164, 184	
Pharm Sci 187.1: Pharm Formulations Lab	2.0		Pharm Sci 187
Pharm Sci 193: Pharmaceutical Validation 1	3.0	Pharm Sci 172.1	
	<u>20.5</u>		



FIFTH YEAR

1ST Semester

Pharm Sci 180.2: Pharm Sciences Internship 2	7.5	5 th year standing
Pharm Sci 180.3: Pharm Sciences Internship 3	4.5	5 th year standing
Pharm Sci 188: Cosmetic Product Development	4.0	Pharm Sci 187.1
Pharm Sci 191: Statistics in the Pharm Industry	3.0	Pharm Sci 184
Pharm Sci 200.1: Undergraduate Thesis 1	1.0	Pharm 199
	<u>20.0</u>	

2ND Semester

Pharm Sci 180.4: Pharm Sciences Internship 4	3.0	5 th year standing
Pharm Sci 180.5: Pharm Sciences Internship 5	7.5	5 th year standing
Pharm Sci 194: Pharmaceutical Validation 2	5.0	Pharm Sci 187/.1, 191
Pharm Sci 200.2: Undergraduate Thesis 2	2.0	Pharm Sci 200.1
	<u>17.5</u>	

TOTAL UNITS

193.0

LIST OF GE SUBJECTS

Core GE Subjects

Wika 1: Wika, Kultura, at Lipunan	3.0
Kas 1: Kasaysayan ng Pilipinas	3.0
Ethics 1: Ethics & Moral Reasoning in Everyday Life	3.0
STS 1: Science, Technology, & Society	3.0
Math 10: Math, Culture, & Society	3.0
Comm 10: Critical Perspectives in Communications	3.0

Prescribed Elective GE Subjects

SS1: Self & Society	3.0
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Elective GE Subjects

Science 10: Probing the Physical World	3.0
Science 11: Living Systems	3.0
Arts 1: Critical Perspective in Arts	3.0
Philarts 1: Philippine Arts & Culture	3.0
Nat Sci 50: Molecules to Man	3.0