



College of Pharmacy University of the Philippines Manila



Bachelor of Science in Pharmacy (BSP)

COURSE CHECKLIST

First Year, First Semester - 21 units				
Course		Unit/s	Prerequisite/s	Co-requisite/s
NSTP 1	National Service Training Program 1	(3)		
PE I	Physical Education I	(2)		
GE	Core GE Subject	3		
GE	Core GE Subject	3		
GE	Core GE Subject	3		
Chem 18	Fundamentals of General Chemistry II	3		
Pharm 101	Pharmacy as a Profession	2		
Pharm 106	Pharmaceutical Calculations	2		
Clin Pharm 140	Pharmacist in the Healthcare System	2		
Clin Pharm 141	Health Ethics and Leadership in Pharmacy	2		
Clin Pharm 150	Introductory Pharmacy Practice Experience in Philippine Healthcare System	1		
First Year, Second Semester – 21 units				
Course		Unit/s	Prerequisite/s	Co-requisite/s
NSTP 2	National Service Training Program 2	(3)		
PE II	Physical Education II	(2)		
GE	Core GE Subject	3		
GE	Prescribed Elective GE Subject	3		
Bio 127	Medicinal Botany	3		
Pharm 107	Pharmaceutical Analytical and Inorganic Chemistry	3	Pharm 106, Chem 18	
Pharm 107.1	Pharmaceutical Analytical and Inorganic Chemistry Laboratory	1		Pharm 107
Pharm 110	Pharmaceutical Organic Chemistry 1	3	Chem 18	
Clin Pharm 142	Foundations of Pharmaceutical Care	2	Clin Pharm 141, Clin Pharm 150	
Clin Pharm 143	Foundations of Social and Administrative Pharmacy	2	Clin Pharm 141, Clin Pharm 150	
Clin Pharm 151	Introductory Pharmacy Practice Experience in Institutional Setting	1	Clin Pharm 141	
Second Year, First Semester - 20 units				
Course		Unit/s	Prerequisite/s	Co-requisite/s
PE III	Physical Education III	(2)		
GE	Core GE Subject	3		
Pharm 113	Pharmaceutical Biochemistry	3	Pharm 110	
Pharm 116	Pharmaceutical Management	2		
Pharm 120	Human Anatomy and Physiology for Pharmacy 1	2		Pharm 113
Pharm 125	Pharmacology for Pharmacy 1	2		Pharm 120
Pharm 195	Pharmaceutical Statistics	3		
Clin Pharm 160	Pharmacy Operations	3	Clin Pharm 150, Clin Pharm 151	Pharm 116
Clin Pharm 161	Pharmacy Wellness and Health Promotion	2	Clin Pharm 142	Pharm 120, Pharm 125



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Second Year, Second Semester – 20 units				
Course		Unit/s	Prerequisite/s	Co-requisite/s
PE IV	Physical Education IV	(2)		
Pharm 104	Pharmacognosy	3	Bio 127	
Pharm 121	Human Anatomy and Physiology for Pharmacy 2	2	Pharm 120	
Pharm 126	Pharmacology for Pharmacy 2	2	Pharm 125	Pharm 121
Pharm 130	Pharmaceutics 1	5	Pharm 107.1	
Pharm 136	Legal Pharmacy	2	2 nd Yr standing	
Pharm 133	Dispensing and Incompatibilities	3	Pharm 125	Pharm 130, Pharm 126
Clin Pharm 162	Medication Safety	2	Clin Pharm 160	Pharm 133, Clin Pharm 152
Clin Pharm 152	Introductory Pharmacy Practice Experience in Community Retail Setting	1	Clin Pharm 160	Pharm 133, Clin Pharm 162
Third Year, First Semester - 21 units				
Course		Unit/s	Prerequisite/s	Co-requisite/s
GE	Elective GE Subject	3		
GE	Core GE Subjects	3		
Pharm 127	Pharmaceutical Toxicology	2	Pharm 125	
Pharm 131	Pharmaceutics 2	2	Pharm 130	
Clin Pharm 169	Pharmaceutical Analysis and Quality Control	3	Pharm 130	Pharm 131
Clin Pharm 170	Clinical Pharmacokinetics and Therapeutic Drug Monitoring	3	Pharm 126, Pharm 130	
Clin Pharm 171	Quality Management for Clinical Pharm Practice	2	Pharm 136	
Clin Pharm 172	Evidence-based Medicine and Drug Information	3	Pharm 195, Pharm 126	
Third Year, Second Semester – 18 units				
Course		Unit/s	Prerequisite/s	Co-requisite/s
PI 100	Philippine Institutions	3		
Pharm 114	Pharmaceutical Microbiology and Parasitology	3	Pharm 113	
Pharm 117	Pharmaceutical Accounting	2	Pharm 116	
Pharm 128	Medicinal Chemistry	3	Pharm 126	
Clin Pharm 114	Pharmaceutical Microbiology and Parasitology Laboratory	2	Pharm 125, Pharm 126	Pharm 114
Clin Pharm 166	Clinical Nutrition in Pharmacy	2	Pharm 121	
Clin Pharm 167	Integrative Medicine	2	Pharm 104, Clin Pharm 161	
Clin Pharm 153	Introductory Pharmacy Practice Experience in the Pharmaceutical Industry	1	Pharm 131, Clin Pharm 171	
Fourth Year, First Semester - 21 units				
Course		Unit/s	Prerequisite/s	Co-requisite/s
Pharm 118	Pharmaceutical Marketing	2	Pharm 117	
Pharm 138	Health Technology Assessment and Pharmaceutical Policy	3	4 th Yr standing	
Pharm 199	Research Methods in Pharmacy	2	Pharm 195	
Clin Pharm 173	Pharmacoepidemiology in Therapeutic Risk Management	3	Clin Pharm 171, Clin Pharm 172	Pharm 138, Pharm 199
Clin Pharm 174	Clinical Assessment for Pharmacy Practice	3	Pharm 121	Clin Pharm 181, Clin Pharm 182
Clin Pharm 180	Immunopharmacotherapy	2	Pharm 126	Clin Pharm 174
Clin Pharm 181	Pharmacotherapy of Infectious Diseases	3	Pharm 114, Clin Pharm 114,	Clin Pharm 174
Clin Pharm 182	Pharmacotherapy of Pulmonary and Gastrointestinal Diseases	3	Pharm 126	Clin Pharm 174



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Fourth Year, Second Semester – 20 units				
Course		Unit/s	Prerequisite/s	Co-requisite/s
Pharm 129	Pharmaceutical Biotechnology	2	Pharm 126	
Clin Pharm 176	Medication Counseling	3	Clin Pharm 172 4 th Yr standing	
Clin Pharm 183	Pharmacotherapy of Cardiovascular Diseases	3	Clin Pharm 174	
Clin Pharm 184	Pharmacotherapy of Nephrologic and Endocrine Diseases	3	Clin Pharm 174	
Clin Pharm 185	Pharmacotherapy of Neurological and Psychological Disorders	3	Clin Pharm 174	
Clin Pharm 186	Oncology Pharmacotherapy	3	Clin Pharm 174	
Clin Pharm 187	Pharmacotherapy in Emergency and Critical Care	3	Clin Pharm 174	
Fifth Year, First Semester - 19 units				
Course		Unit/s	Prerequisite/s	Co-requisite/s
Pharm 197	Pharmacy Seminar	1	Pharm 199	
Clin Pharm 190	Advanced Practice Experience in Industrial Pharmacy	7.5	5 th Yr standing	
Clin Pharm 191	Advanced Practice Experience in Community Pharmacy	7.5	5 th Yr standing	
Clin Pharm 192	Advanced Practice Experience in Institutional Pharmacy	3	5 th Yr standing	
Fifth Year, Second Semester – 18 units				
Course		Unit/s	Prerequisite/s	Co-requisite/s
Clin Pharm 193	Advanced Practice Experience in Hospital Pharmacy	7.5	5 th Yr standing	
Clin Pharm 194	Advanced Practice Experience in Social and Administrative Pharmacy	4.5	5 th Yr standing	
Clin Pharm 195	Advanced Practice Experience in Primary Health Care Pharmacy	3	5 th Yr standing	
Clin Pharm 200	Pharmacy Thesis	3	Pharm 199	
		199 units		

LIST OF GENERAL EDUCATION SUBJECTS (24 units)

CORE GE SUBJECT	
Wika1	Wika, Kultura, at Lipunan
Kas1	Kasaysayan ng Pilipinas
Ethics1	Ethics and Moral Reasoning in Everyday Life
STS1	Science, Technology, and Society
Math 10	Math, Culture, and Society
Comm 10	Critical Perspectives in the Communications
PRESCRIBED GE ELECTIVE	
SS1	Self and Society
ELECTIVE GE SUBJECTS*	
Science 10	Probing the Physical World
Science 11	Living Systems
Arts 1	Critical Perspective in Arts
Philarts 1	Philippine Arts and Culture
Nat Sci 50	Molecules to Man
	Genre-Based Writing

*Elective GE subjects will not be limited to the list above. New offering of CAS may be added to the list above