



# EMILIO AGUINALDO COLLEGE

1113-1117 San Marcelino St., Paco, Manila



CERTIFIED TO ISO 9001  
QUALITY MANAGEMENT SYSTEMS  
CERTIFICATE NO: QS 4936

## School of Pharmacy

### Bachelor of Science in Pharmacy

Effective School Year 2018-2019  
CHED MEMO No.

#### FIRST YEAR First Semester

Course No.	Course Code	Course Title	UNITS		Pre-requisite	Grade
			Lec	Lab		
	OAP0 11	Human Anatomy and Physiology with Pathophysiology	3	2		
	PBT 11	Pharmaceutical Botany with Taxonomy	2	1		
	PIC 11	Pharmaceutical Inorganic Chemistry (with Qualitative Analysis)	2	1		
	PCT 11	Pharmaceutical Calculations and Techniques	2	1		
	PPP 11	Perspectives in Pharmacy	2			
	PDA 11	Biology of Drug Abuse	2			
GE 1		Understanding the Self	3			
PE 1	PE 1	Gymnastics	2			
NSTP 1	NSTP 1	CWTS1/LTS1/ROTC1	3			
GE 0		Emilian Culture	1			
<b>TOTAL</b>			<b>27</b>			

#### Second Semester

Course No.	Course Code	Course Title	UNITS		Pre-requisite	Grade
			Lec	Lab		
	POC 12	Pharmaceutical Organic Chemistry	2	2		
	PPA1 12	Pharmaceutical Analysis 1 (Quantitative Pharmaceutical Chemistry)	3	1		
	PPB 12	Pharmaceutical Biotechnology	3			
	PHS 12	Introduction to the Healthcare System	2			
	PAM 12	Introduction to Pharmacy Administration, Management and Leadership	2			
	PVP 12	Veterinary Pharmacy	2			
GE 4		The Contemporary World	3			
GE 6		Science, Technology and Society	3			
PE 2	PE 2	Folk Dance	2			
NSTP 2	NSTP 2	CWTS2/LTS2/ROTC2	3			
<b>TOTAL</b>			<b>28</b>			

#### SECOND YEAR First Semester

Course No.	Course Code	Course Title	UNITS		Pre-requisite	Grade
			Lec	Lab		
	PDF 21	Pharmaceutical Dosage Forms, Drug Delivery Systems and Medical Devices	2	2	PCT 11	
	PPB 21	Pharmaceutical Biochemistry	3	1	POC 12	
	PDG1 21	Dispensing 1	1	1	PCT 11	
	PPH 21	Physical Pharmacy	2	1		
	PCM 21	Complementary and Alternative Medicine	1	1		
GE 12	GE Mand	The Life & Works of Rizal	3			
GE 3		Readings in Philippine History	3			
PE 3	PE 3	Basic Swimming	2			
GE 7		Art Appreciation	3			
GE 2		Mathematics in the Modern World	3			
GE 8		Ethics	3			
<b>TOTAL</b>			<b>31</b>			

#### Second Semester

Course No.	Course Code	Course Title	UNITS		Pre-requisite	Grade
			Lec	Lab		
	PPC 22	Pharmacognosy and Plant Chemistry	3	2	PBT 11	
	PMO 22	Pharmaceutical and Medicinal Organic Chemistry	3	1	POC 12	
	PMP 22	Pharmaceutical Microbiology and Parasitology	2	2		
	PPA2 22	Pharmaceutical Analysis 2 (Instrumental Method of Analysis)	2	1	PPA1 12, PPH 21	
	PPL1 22	Pharmacology 1	3	1	OAP0 11, PMP 22	
	PPI 22	Pharmacy Informatics	2	1	2 <sup>nd</sup> Year Standing	
GE 5		Purposive Communication	3			
PE 4	PE 4	Advanced Swimming	2			
<b>TOTAL</b>			<b>28</b>			

**THIRD YEAR  
First Semester**

Course No.	Course Code	Course Title	UNITS		Pre-requisite	Grade
			Lec	Lab		
GE 13	Elec 4	Komunikasyon sa Akademikong Filipino	3			
	PPM 31	Pharmaceutical Manufacturing (with Quality Assurance and cGMP)	2	2		
	PPL1 31	Pharmacology 2	3	1	PPL1 22	
	PBP 31	Biopharmaceutics & Pharmacokinetics	3		PPH 21	
	PDG2 31	Dispensing 2	2	1	PDF 21, PDG1 21	
	PCP1 31	Clinical Pharmacy and Pharmacotherapeutics 1	3		PPL1 22	
	PRM1 31	Pharmaceutical Research Methods with Pharmacy Statistics	3		PPI 22	
	PHP 31	Hospital Pharmacy	2	1	3 <sup>rd</sup> Year Standing	
	PDD 31	Drug Discovery and Development	2			
<b>TOTAL</b>			<b>28</b>			

**Second Semester**

Course No.	Course Code	Course Title	UNITS		Pre-requisite	Grade
			Lec	Lab		
	PPT 32	Pharmaceutical Toxicology	2	1	PPL1 31	
	PCP2 32	Clinical Pharmacy and Pharmacotherapeutics 2	3		PCP1 31	
	PPH 32	Public Health Pharmacy (with Pharmacoepidemiology)	3		PMP 22	
	PCS 32	Cosmetic Product Development	2	1	PPM 31	
	PRM2 32	Pharmacy Research and Thesis Writing	1	2	PRM1 31	
	PLE 32	Legal Pharmacy & Ethics	3			
	PHT2 32	Health Technology Assessment and Health Policy (with Pharmacoeconomics)	2		3 <sup>rd</sup> Year Standing	
	PME 32	Pharmaceutical Marketing and Entrepreneurship	2			
	PSA 31	Social and Administrative Pharmacy	1		3 <sup>rd</sup> Year Standing	
		World Literature				
		Filipino 2	3			
<b>TOTAL</b>			<b>29</b>			

**FOURTH YEAR  
First Semester**

Course No.	Course Code	Course Title	UNITS		Pre-requisite	Grade
			Lec	Lab		
	PCY 41	Community Pharmacy Internship		6		
	PHR 41	Public Health & Regulatory Pharmacy Internship		3.6	PPH 32, PSA 31, PHT2 32, 4 <sup>th</sup> Year Standing	
	PIN 41	Institutional Pharmacy Internship		2.4	PLE 32, PDG2 31, 4 <sup>th</sup> Year Standing	
	PIP1 41	IPS 1	3			
<b>TOTAL</b>			<b>15</b>			

**Second Semester**

Course No.	Course Code	Course Title	UNITS		Pre-requisite	Grade
			Lec	Lab		
	PHI 42	Hospital Pharmacy Internship		6	PHP 31, PCP2 32, 4 <sup>th</sup> Year Standing	
	PND 42	Industrial Pharmacy Internship		6	PPM 31, PCS 32, PAM 12, PME 32, PPI 22, PLE 32, 4 <sup>th</sup> Year Standing	
	PIP2 42	IPS 2	3			
<b>TOTAL</b>			<b>15</b>			

**TOTAL UNITS**

**201 Units**