



**Manila Adventist College**  
**Bachelor of Science in Pharmacy**  
**Curriculum AY 2018-2019**

<b>FIRST YEAR</b>						
<b>FIRST SEMESTER</b>			<b>SECOND SEMESTER</b>			
<b>Course No.</b>	<b>Course Title</b>	<b>Units</b>	<b>Course No.</b>	<b>Course Title</b>	<b>Units</b>	
___ PBS 101	Pharmaceutical Botany with Taxonomy (2/1)	3	___ PBS102	Human Anatomy & Physiology with Pathophysiology (3/1)	4	
___ PCH 101	Pharmaceutical Inorganic Chemistry (With Qualitative Analysis) (2/2)	4	___ PCH 102	Pharmaceutical Organic Chemistry (2/2)	4	
___ PED 101	Physical Education I	2	___ PCH 103	Pharmaceutical Analysis I (Quantitative Pharmaceutical Chemistry) (3/1)	4	
___ PHA 101	Perspectives in Pharmacy	2	___ PED 102	Physical Education II	2	
___ PHA 102	Pharmaceutical Calculations & Techniques (2/1)	3	___ PHA 103	Introduction to Health System	2	
___ COM 100	Purposive Communication	3	___ PHA 104	Introduction to Pharmacy Management and Leadership	2	
___ ENV 100	Environmental Science	3	___ NST 102	National Service Training Program II	3	
___ MAT 100	Mathematics in the Modern World	3	___ REL 102	Personal Witnessing	3	
___ NST 101	National Service Training Program I	3	___ STS 100	Science, Technology & Society	3	
___ REL 101	Personal Spirituality and Faith	3	___ UND 100	Understanding the Self	3	
<b>29</b>			<b>30</b>			
<b>SECOND YEAR</b>						
<b>FIRST SEMESTER</b>			<b>SECOND SEMESTER</b>			
___ PBS 103	Pharmacology I	3	___ PBS 104	Pharmacognosy & Plant Chemistry (3/2)	5	
___ PCH 104	Pharmaceutical Biochemistry (3/1)	4	___ PBS 105	Pharmacology II (3/1)	4	
___ PCR 101	Dispensing I (Dispensing Process, Reading & Interpreting the Prescription & Other Medicine Orders) (1/1)	2	___ PCH 105	Pharmaceutical & Medicinal Organic Chemistry (3/1)	4	
___ PCT 101	Pharmaceutical Dosage Forms, Drug Delivery Systems & Medical Devices (2/2)	4	___ PCH 106	Pharmaceutical Analysis II (Instrumental Methods of Analysis) (2/1)	3	
___ PCT 102	Physical Pharmacy (2/1)	3	___ PCR 102	Dispensing II (Medication-related Problems, Medication Safety, & Medication Counseling) (2/1)	3	
___ PED 103	Physical Education III	2	___ ETH 100	Ethics	3	
___ REL 203	God & Human Life	3	___ PED 104	Physical Education IV	2	
___ RIZ 100	Rizal: Life, Works & Teachings	3	___ PHA 105	Pharmaceutical Marketing & Entrepreneurship	2	
___ TCW 100	The Contemporary World	3	___ REL 104	Religion & Ethics in Modern Society	3	
<b>27</b>			<b>29</b>			
<b>INTERSEMESTER</b>						
___ PPE 101	Supervised Pharmacy Practice Experience (Community) (300 hours)				<b>6</b>	
<b>THIRD YEAR</b>						
<b>FIRST SEMESTER</b>			<b>SECOND SEMESTER</b>			
___ CAM 100	Complementary & Alternative Medicine	1	___ COS 100	Cosmetic Product Development (with Cosmetic Product Development, Regulation & Safety Assessment) (1/1)	2	
___ PBS 106	Pharmaceutical Microbiology & Parasitology (2/2)	4	___ LGP 100	Legal Pharmacy & Ethics	3	
___ PCH 107	Biopharmaceutics & Pharmacokinetics	3	___ PCH 108	Pharmaceutical Toxicology (2/1)	3	
___ PCR 103	Clinical Pharmacy & Pharmacotherapeutics I	3	___ PCR 104	Clinical Pharmacy & Pharmacotherapeutics II	3	
___ PCT 103	Pharmaceutical Manufacturing & Quality Assurance & CGMP (2/2)	4	___ PCR 105	Hospital Pharmacy (2/1)	3	
___ PCT 104	Drug Discovery & Development	2	___ PRS 102	Pharmacy Research & Thesis Writing (1/2)	3	
___ PIC 100	Philippine Indigenous Community	3	___ ART 100	Art Appreciation	3	
___ PIF 100	Pharmacy Informatics (2/1)	3	___ HIS 100	Readings in Philippine History	3	
___ PRS 101	Pharmaceutical Research Methods with Statistics	3	___ HUM 100	Philippine Literature	3	
<b>26</b>			<b>26</b>			
<b>INTERSEMESTER</b>						
___ HTA 100	Health Technology Assessment, Health Policy & Pharmacoeconomics				2	
___ PCR 106	Public Health Pharmacy & Pharmacoepidemiology				3	
					<b>5</b>	
<b>FOURTH YEAR</b>						
<b>FIRST SEMESTER</b>			<b>SECOND SEMESTER</b>			
___ PPE 102	Supervised Pharmacy Practice Experience (Institutional) (120 hours)	2.4	___ IPS 100	Integrated Pharmaceutical Sciences (216 hours)		12
___ PPE 103	Supervised Pharmacy Practice Experience (Public Health & Regulatory Pharmacy) (180 hours)	3.6				
___ PPE 104	Supervised Pharmacy Practice Experience (Industry) (300 hours)	6				
___ PPE 105	Supervised Pharmacy Practice Experience (Hospital) (300 hours)	6				
<b>18</b>			<b>12</b>			
<b>Total Units</b>					<b>208</b>	