



# MANILA ADVENTIST COLLEGE

## Bachelor of Science in Pharmacy

### Curriculum AY 2018-2019

FIRST YEAR					
FIRST SEMESTER			SECOND SEMESTER		
Course No.	Course Title	Units	Course No.	Course Title	Units
___ PBS 101	Pharmaceutical Botany with Taxonomy	3	___ PBS102	Human Anatomy & Physiology with	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)	4
___ PHA 101	Perspectives in Pharmacy	2	___ PED 102	Physical Education II	2
___ PHA 102	Pharmaceutical Calculations &	3	___ PHA 103	Introduction to Health System	2
___ COM 100	Purposive Communication	3	___ PHA 104	Introduction to Pharmacy Management	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>
SECOND YEAR					
FIRST SEMESTER			SECOND SEMESTER		
___ 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, Prescription & Other Medicine Orders)	2	___ PCH 105	Pharmaceutical & Medicinal Organic	4
___ PCT 101	Pharmaceutical Dosage Forms, Drug Delivery Systems & Medical Devices (2/2)	4	___ PCH 106	Pharmaceutical Analysis II (Instrumental)	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 &	2
___ TCW 100	The Contemporary World	3	___ REL 104	Religion & Ethics in Modern Society	3
		<b>27</b>			<b>29</b>
INTERSEMESTER					
___ PPE 101	Supervised Pharmacy Practice Experience (Community) (300 hours)				<b>6</b>
THIRD YEAR					
FIRST SEMESTER			SECOND SEMESTER		
___ PBS 106	Pharmaceutical Microbiology &	4	___ COS 100	Cosmetic Product Development (with	2
___ PCH 107	Biopharmaceutics & Pharmacokinetics	3	___ LGP 100	Legal Pharmacy & Ethics	3
___ PCR 103	Clinical Pharmacy &	3	___ PCH 108	Pharmaceutical Toxicology (2/1)	3
___ PCT 103	Pharmaceutical Manufacturing & Quality Assurance & CGMP (2/2)	4	___ PCR 104	Clinical Pharmacy & Pharmacotherapeutics II	3
___ PCT 104	Drug Discovery & Development	2	___ PCR 105	Hospital Pharmacy (2/1)	3
___ PIC 100	Philippine Indigenous Community	3	___ PRS 102	Pharmacy Research & Thesis Writing (1/2)	3
___ PIF 100	Pharmacy Informatics (2/1)	3	___ ART 100	Art Appreciation	3
___ PRS 101	Statistics	3	___ HIS 100	Readings in Philippine History	3
		<b>25</b>	___ HUM 100	Philippine Literature	3
					<b>26</b>
INTERSEMESTER					
___ HTA 100	Health Technology Assessment, Health Policy & Pharmacoeconomics				2
___ PCR 106	Public Health Pharmacy & Pharmacoepidemiology				3
					<b>5</b>
FOURTH YEAR					
FIRST SEMESTER			SECOND SEMESTER		
___ PPE 102	Supervised Pharmacy Practice Experience (Institutional) (120 hours)	2.4	___ IPS 100	Integrated Pharmaceutical Sciences (216 hours)	12
___ PPE 103	Experience (Public Health & Regulatory	3.6			
___ PPE 104	Experience (Industry) (300 hours)	6			
___ PPE 105	Experience (Hospital) (300 hours)	6			
		<b>18</b>			<b>12</b>
<b>Total Units</b>					<b>207</b>