



Manila Adventist College
Bachelor of Science in Medical Laboratory Science
Curriculum AY 2018-2019

FIRST YEAR					
FIRST SEMESTER			SECOND SEMESTER		
Course No.	Course Title	Units	Course No.	Course Title	Units
___ MLS 101	Principles of Medical Laboratory Science Practice I	3	___ MLS 102	Principles of Medical Laboratory Science Practice II (2/1)	3
___ CHE 101	Inorganic and Organic Chemistry (2/2)	4	___ CHE 102	Analytical Chemistry (Qualitative and Quantitative Chemistry) (2/2)	4
___ MIS 101	Health Information System for Medical Laboratory Science (2/1)	3	___ MLS 103	Cytogenesis	2
___ APP 101	Human anatomy and Physiology with Pathophysiology (2/2)	4	___ CPH 101	Community and Public Health for Medical Laboratory Science (2/2)	4
___ COM 100	Purposive Communication	3	___ NST 102	National Service Training Program II	3
___ MAT 100	Mathematics in the Modern World	3	___ PED 102	Physical Education II	2
___ NST 101	National Service Training Program I	3	___ REL 102	Personal Witnessing	3
___ PED 101	Physical Education I	2	___ STS 100	Science, Technology & Society	3
___ REL 101	Personal Spirituality and Faith	3	___ UND 100	Understanding the Self	3
28			27		
SECOND YEAR					
FIRST SEMESTER			SECOND SEMESTER		
___ CHE 103	Biochemistry for Medical Laboratory Science (3/2)	5	___ MLS 105	Med Tech Laws and Bioethics	3
___ TCH 103	Principles & Strategies of Teaching in Medical Laboratory Science	2	___ MLS 106	Human Histology (1/1)	2
___ MLS 104	Laboratory Management	2	___ MLS 107	Clinical Parasitology (2/1)	3
___ ENV 100	Environmental Science	3	___ ART 100	Art Appreciation	3
___ PED 103	Physical Education III	2	___ ETH 100	Ethics	3
___ PIC 100	Philippine Indigenous Communities	3	___ HIS 100	Readings in Philippine History	3
___ REL 203	God & Human Life	3	___ HUM 100	Philippine Literature	3
___ RIZ 100	Rizal: Life, Works & Teachings	3	___ PED 104	Physical Education IV	2
TCW 100	The Contemporary World	3	___ REL 104	Religion & Ethics in Modern Society	3
26			25		
THIRD YEAR					
FIRST SEMESTER			SECOND SEMESTER		
___ MLS 108	Analysis of Urine and Body Fluids (2/1)	3	___ MLS 113	Special Chemistry (Clinical Chemistry 2) (3/2)	5
___ MLS 109	Histopathologic and Cytologic Techniques (2/1)	3	___ MLS 114	Clinical Hematology (Hematology 2) (2/1)	3
___ MLS 110	Routine Clinical Chemistry with Protein Lipid Profile (Clinical Chemistry 1) (3/2)	5	___ MLS 115	Clinical Immunology and Serology (3/1)	4
___ MLS 111	Clinical Bacteriology (3/2)	5	___ MLS 116	Immunohematology (3/1)	4
___ MLS 112	Fundamentals of Hematology (Hematology 1) (3/1)	4	___ MLS 117	Mycology and Virology	2
___ RES 101	Introduction to Medical Laboratory Science Research (1/1)	2	___ MLS 118	Molecular Biology and Diagnostics (1/2)	3
___ EPI 100	Biostatistics and Epidemiology (2/1)	3	___ RES 102	Medical Laboratory Science Research Paper Writing and Presentation (1/2)	3
25			24		
FOURTH YEAR					
FIRST SEMESTER			SECOND SEMESTER		
___ INT 101	Clinical Internship I (0/12)	12	___ INT 102	Clinical Internship II (0/12)	12
___ MTA 101	Medical Technology Assessment Program I	2	___ MTA 102	Medical Technology Assessment Program II	2
___ SEM 101	Seminar I (Special Topics)	1	___ SEM 102	Seminar II (Special Topics)	1
15			15		
Total Units					185