

BACHELOR OF SCIENCE IN MEDICAL LABORATORY SCIENCE (BSMLS)
REVISED CURRICULUM
Effective Academic Year 2020 - 2021

SUBJECT CODE	DESCRIPTION	UNITS	SUBJECT CODE	DESCRIPTION	UNITS
FIRST YEAR – First Semester					
CHEM-lab	101 Inorganic and Organic Chemistry	2	MLS-lab	409 Clinical Parasitology (MLS 100, Chem 301)	1
CHEM-lec	101 Inorganic and Organic Chemistry	2	MLS-lec	409 Clinical Parasitology (MLS 100, Chem 301)	3
MLS	401 Principles of Medical Laboratory Science Practice 1	3	THEO	500 Christian Vocation and Fulfillment	3
MMW	100 Mathematics in the Modern World	3			7
NSTP	11 National Service Training Program 1	3	SECOND YEAR – Summer		
UTS	100 Understanding the Self	3	THIRD YEAR – First Semester		
P E	101 Movement Enhancement	2	MLS Res-lab	100 Introduction to Medical Laboratory Science Research	1
PC	100 Purposive Communication	3	MLS Res-lec	100 Introduction to Medical Laboratory Science Research	1
THEO	100 Salvation History	3	MLS-lab	411 Clinical Bacteriology (MLS 100, Chem 301)	2
MLS-lab	100 Human Anatomy and Physiology with Pathophysiology	2	MLS-lec	411 Clinical Bacteriology (MLS 100, Chem 301)	3
MLS-lec	100 Human Anatomy and Physiology with Pathophysiology	3	MLS-lab	412 Immunology and Serology (MLS 100, Chem 301)	1
		29	MLS-lec	412 Immunology and Serology (MLS 100, Chem 301)	3
			MLS-lab	413 Hematology 1 (MLS 100, Chem 301, MLS 402)	1
FIRST YEAR – Second Semester					
CHEM-lab	401 Analytical Chemistry (Qualitative and Quantitative Chemistry) (Chem 101)	2	MLS-lec	413 Hematology 1 (MLS 100, Chem 301, MLS 402)	3
CHEM-lec	401 Analytical Chemistry (Qualitative and Quantitative Chemistry) (Chem 101)	2	MLS-lab	418 Clinical Chemistry 2 (MLS 414)	2
BE-lab	100 Biostatistics and Epidemiology for Medical Laboratory Science	1	MLS-lec	418 Clinical Chemistry 2 (MLS 414)	3
BE-lec	100 Biostatistics and Epidemiology for Medical Laboratory Science	2	MLS	405 Laboratory Management (MLS 406, 414)	2
MLS-lab	402 Principles of Medical Laboratory Science Practice 2 (MLS 401)	1	AA	100 Art Appreciation	3
MLS-lec	402 Principles of Medical Laboratory Science Practice 2 (MLS 401)	2			25
NSTP	12 National Service Training Program 2	3	THIRD YEAR – Second Semester		
P D	101 Gender and Society with Personality Development	3	MLS	415 Mycology and Virology (MLS 411, 412)	3
P E	201 Fitness Exercise	2	MLS-lab	416 Immunohematology (MLS 411, 412)	1
STS	100 Science, Technology, and Society	3	MLS-lec	416 Immunohematology (MLS 411, 412)	3
THEO	200 Christology	3	MLS-lab	417 Hematology 2 (MLS 413)	1
PSTMLS	100 Principles and Strategies of Teaching Medical Laboratory Science	2	MLS-lec	417 Hematology 2 (MLS 413)	3
		26	MLS-lab	420 Molecular Biology and Diagnostics (MLS 408, 409, 410, 411, 412, 413, 414)	2
FIRST YEAR – Summer					
MLS-lab	404 Community and Public Health for Medical Laboratory Science	2	MLS-lec	420 Molecular Biology and Diagnostics (MLS 408, 409, 410, 411, 412, 413, 414)	2
MLS-lec	404 Community and Public Health for Medical Laboratory Science	2	MLS-lab	419 Analysis of Urine and Other Body Fluids (MLS 100, MLS 409, 411, 413, 414)	1
PHILO	200 Ethics	3	MLS-lec	419 Analysis of Urine and Other Body Fluids (MLS 100, MLS 409, 411, 413, 414)	3
		7	MLS Res-lab	200 Medical Laboratory Science Research Paper Writing and Presentation (MLS Res 100)	2
			MLS Res-lec	200 Medical Laboratory Science Research Paper Writing and Presentation (MLS Res 100)	1
SECOND YEAR – First Semester					
CHEM-lab	301 Biochemistry for Medical Laboratory Science (Chem 102)	2			22
CHEM-lec	301 Biochemistry for Medical Laboratory Science (Chem 102)	3	THIRD YEAR – Summer Start of 12-Month Clinical Internship.		
MLS-lab	403 Health Information System for Medical Laboratory Science	1	FOURTH YEAR – First Semester (June to November, 6 months)		
MLS-lec	403 Health Information System for Medical Laboratory Science	2	MLSCI	100 Medical Laboratory Science Clinical Internship 1 (All courses)	12
MLS-lab	407 Human Histology (MLS 100)	1	MTAP	100 Medical Technology Assessment Program 1 (All courses)	2
MLS-lec	407 Human Histology (MLS 100)	3	SEM	100 Seminar for Medical Laboratory Science 1 (All courses)	1
P E	301 Physical Activity towards Health and Fitness (PATH-FIT) 1	2			15
RIZAL	100 Life, Works, and Writings of Rizal	3	FOURTH YEAR – Second Semester (December to May, 6 months)		
RPH	100 Readings in Philippine History	3	MLSCI	200 Medical Laboratory Science Clinical Internship 2	12
TEM	100 The Entrepreneurial Mind	3	MTAP	200 Medical Technology Assessment Program 2	2
THEO	300 Ecclesiology and Sacramentology	3	SEM	200 Seminar for Medical Laboratory Science 2	1
		26			15
SECOND YEAR – Second Semester					
LIT	101 Philippine Popular Culture	3	TOTAL UNITS 198		
MLS	406 Medical Technology Laws and Bioethics (Philo 200, MLS 402)	3	Legend: () = Pre-requisite subject/s		
MLS-lab	410 Histopathologic and Cytologic Techniques (MLS 407)	1			
MLS-lec	410 Histopathologic and Cytologic Techniques (MLS 407)	3			
MLS	408 Cytogenetics (MLS 100, Chem 301)	3			
MLS-lab	414 Clinical Chemistry 1 (MLS 100, Chem 301, MLS 402)	2			
MLS-lec	414 Clinical Chemistry 1 (MLS 100, Chem 301, MLS 402)	3			
P E	401 Physical Activity towards Health and Fitness (PATH-FIT) 2	2			
TCW	100 The Contemporary World	3			
THEO	400 Moral Theology	3			
		26			