

**BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY (BSMT)****FIRST YEAR**First Semester

<b>Course Code</b>	<b>Descriptive Title</b>	<b>Units</b>	<b>Pre-requisite / Remarks</b>
ENGL 100	Communication Arts	3	-
SOCIO 102	Gender and Society	3	-
MATH 100	College Mathematics	3	-
CHEM 101	Inorganic and Organic Chemistry	4	-
COMP 100	Computer Applications	3	-
MLS 101	Principles of Medical Laboratory Science Practice 1	3	-
MLS 102	Human Anatomy and Physiology with Pathophysiology	5	-
MLS 103	Health Information System for Med Lab Science	3	-
PE 101	Movement Enhancement	2	-
NSTP 101	National Service Training Program 1	3	-
	<b>TOTAL</b>	<b>32</b>	

Second Semester

<b>Course Code</b>	<b>Descriptive Title</b>	<b>Units</b>	<b>Pre-requisite / Remarks</b>
ENGL 101	Purposive Communication		
MATH 101	Mathematics in the Modern World		
CHEM 102	Analytical Chemistry (Qualitative & Quantitative Chemistry)		CHEM 101
PSYCH 101	Understanding the Self		
PHILO 101	Ethics		
STS 101	Science, Technology and Society		
MLS 104	Principles of Med Lab Science Practice 2		MLS 101
MLS 105	Principles and Strategies of Teaching in Med Lab Science		
PE 102	Fitness Exercises	2	PE 101
NSTP 102	National Service Training Program 2	3	NSTP 101
	<b>TOTAL</b>	<b>29</b>	

**SECOND YEAR**First Semester

<b>Course Code</b>	<b>Descriptive Title</b>	<b>Units</b>	<b>Pre-requisite / Remarks</b>
LIT 11	Literature of the World	3	
CHEM 103	Biochemistry for Med Lab Science	5	CHEM 101 and 102
SOCIO 101	The Contemporary World	3	
RIZAL 101	Life and Works of Dr. Jose Rizal	3	
MLS 107	Biostatistics and Epidemiology	3	
MLS 108	Cytogenetics	2	MLS 102
MLS 109	Laboratory Management	2	MLS 104
PE 103	Physical Activity Towards Health and Fitness 1	2	PE 102
	<b>TOTAL</b>	<b>23</b>	

Second Semester

<b>Course Code</b>	<b>Descriptive Title</b>	<b>Units</b>	<b>Pre-requisite / Remarks</b>
NAT SCI 101	Environmental Education	3	FIL 101
HUM 101	Art Appreciation	3	-
HIST 101	Readings in Philippine History	3	-
ENTREP 100	Entrepreneurship	3	-
MLS 110	Clinical Parasitology	3	MLS 102
MLS 111	MedTech Laws and Bioethics	3	MLS 104
MLS 112	Human Histology	3	MLS 102
PE 104	Physical Activity Towards Health and Fitness II	2	PE 103
	<b>TOTAL</b>	<b>23</b>	

**THIRD YEAR**First Semester

<b>Course Code</b>	<b>Descriptive Title</b>	<b>Units</b>	<b>Pre-requisite / Remarks</b>
MLS 113	Clinical Chemistry I	5	MLS 102 CHEM 103
MLS 114	Clinical Bacteriology	5	MLS 102 CHEM 103
MLS 115	Analysis of Urine and Body Fluids	3	MLS 102 CHEM 103
MLS 116	Hematology 1	4	MLS 102
MLS 117	Histopathologic and Cytologic Techniques	3	MLS 102 & 112
MLS 118	Intro to Med Lab Science Research	2	
	<b>TOTAL</b>	<b>22</b>	

Second Semester

<b>Course Code</b>	<b>Descriptive Title</b>	<b>Units</b>	<b>Pre-requisite / Remarks</b>
MLS 119	Clinical Chemistry 2	5	MLS 113
MLS 120	Hematology 2	3	MLS 116
MLS 121	Immunology and Serology	4	CHEM 103 MLS 114
MLS 122	Immunochemistry	4	CHEM 103 MLS 108
MLS 123	Molecular Biology and Diagnostics	4	CHEM 103 MLS 108
MLS 124	Mycology and Virology	2	MLS 114
	<b>TOTAL</b>	<b>22</b>	

**FOURTH YEAR**

First Semester

<b>Course Code</b>	<b>Descriptive Title</b>	<b>Units</b>	<b>Pre-requisite / Remarks</b>
MLS 126	Clinical Internship 1	12	-
MLS 127	Medical Technology Assessment Program 1	3	-
MLS 128	Seminar 1	2	-
	<b>TOTAL</b>	<b>17</b>	

Second Semester

<b>Course Code</b>	<b>Descriptive Title</b>	<b>Units</b>	<b>Pre-requisite / Remarks</b>
MLS 129	Clinical Internship 2	12	MLS 126
MLS 130	Medical Technology Assessment Program 2	3	MLS 127
MLS 131	Seminar 1	2	MLS 128
	<b>TOTAL</b>	<b>17</b>	

**SUMMER CLASS**

AFTER FIRST YEAR

<b>Course Code</b>	<b>Descriptive Title</b>	<b>Units</b>	<b>Pre-requisite / Remarks</b>
MLS 106	Community and Public Health for Med Lab Science	4	MLS 101 MLS 102
	<b>TOTAL</b>	<b>4</b>	

AFTER THIRD YEAR

<b>Course Code</b>	<b>Descriptive Title</b>	<b>Units</b>	<b>Pre-requisite / Remarks</b>
MLS 125	Med Lab Science Research Paper Writing and Presentation	3	MLS 118
	<b>TOTAL</b>	<b>3</b>	