



**BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY (BSMT)**

(Effective School Year 2019 - 2020)

As Per CMO 13 Series 2017

**( NON STEM/STEM STRAND )**

Student Name: \_\_\_\_\_

Entry Date: \_\_\_\_\_

FIRST YEAR														
FIRST SEMESTER				SECOND SEMESTER										
CODE	COURSE DESCRIPTION	Pre-Req	Units	CODE	COURSE DESCRIPTION	Pre-Req	Units							
ENG101	Purposive Communication	None	3	STS100	Science Technology & Society	None	3							
MATH101	Mathematics in the Modern World		3	PHILO101	Ethics	None	3							
MLS 101	Principle of Medical Laboratory Science Practice 1		3	MLS102	Principle of Medical Laboratory Science Practice 2 (with LABORATORY)	MLS101	3							
ANA101	Human Anatomy & Physiology w/ Pathophysiology (with LABORATORY)		4	MLS103	Community & Public Health for MLS (with LABORATORY)	None	4							
CC101	Inorganic & Organic Chemistry (with LABORATORY)		4	CC102	Analytical Chemistry (Qualitative & Quantitative Chem) (with LABORATORY)	CC101	4							
SOC ACT	CEFIzen Awareness		(2)	PSY100	Understanding the Self	None	3							
PE101	Theory and Practice in Physical Fitness		(3)	NSTP102	Civic Welfare Training Service2	NSTP101	(3)							
NSTP101	Civic Welfare Training Service		(3)	PE102	Rhythmic Activities	PE101	(2)							
			<b>TOTAL</b>				<b>24</b>				<b>TOTAL</b>			<b>25</b>

SECOND YEAR														
FIRST SEMESTER				SECOND SEMESTER										
CODE	COURSE DESCRIPTION	Pre-Req	Units	CODE	COURSE DESCRIPTION	Pre-Req	Units							
FIL101	Komunikasyon sa Akademikong Filipino	None	3	FIL102	Pagbasa at Pagsulat Tungo sa Pananaliksik	FIL101	3							
SocSci101	Reading in the Philippine History	None	3	SocSci102	The Contemporary World	None	3							
HUM100	Art Appreciation	None	3	MLS106	Clinical Parasitology (with LABORATORY)	ANA101	3							
CC103	Biochemistry for MLS (with LABORATORY)	CC101	5	MLS107	MedTech Laws & Bioethics	STS100	3							
CC201	Biostatistics & Epidemiology (with LABORATORY)	MLS103	3	MLS108	Human Histology (with LABORATORY)	ANA101	3							
MLS104	Cytogenetics	ANA101	2	Comp100	Computer Fundamentals (HIS for MLS)(with LABORATORY)	None	3							
MLS105	Laboratory Management	None	2	CC202	PSTHE in MLS	None	3							
SocSci100	Rizal, Life Works & Writing	None	3	MedTerm	Medical Terminology	None	2							
PE103	Individual Sports	PE101	(2)	PE104	Team Sports	PE101	(2)							
			<b>TOTAL</b>				<b>26</b>				<b>TOTAL</b>			<b>25</b>



THIRD YEAR									
FIRST SEMESTER				SECOND SEMESTER					
CODE	COURSE DESCRIPTION	Pre-Req	Units	CODE	COURSE DESCRIPTION	Pre-Req	Units		
LIT101	Philippine Literature in English	None	3	MLS115	Clinical Chemistry 2 (with LABORATORY)	MLS109	5		
MLS109	Clinical Chemistry 1 (with LABORATORY)	ANA101/CC102	5	MLS116	Mycology & Virology	MLS110	2		
MLS110	Bacteriology (with LABORATORY)	ANA101/CC102	5	MLS117	Immunology/Serology (with LABORATORY)	CC103/MLS110	4		
MLS111	Analysis of Urine & other Body Fluids (with LABORATORY)	ANA101/CC102	3	MLS 118	Immunohematology (with LABORATORY)	MLS104/CC103/MLS110	4		
Mls112	Hematology 1 (with LABORATORY)	ANA101	4	MLS119	Hematology (with LABORATORY)	MLS112	3		
MLS113	Histopathologic & Cytologic Techniques(with LABORATORY)	MLS108	3	MLS120	Molecular Biology & Diagnostics (with LABORATORY)	MLS104	3		
MLS114	Introduction to MLS Research	None	2	MLS121	MLS Research Paper Writing & Presentation (with LABORATORY)	MLS114	3		
			<b>TOTAL</b>	<b>25</b>				<b>TOTAL</b>	<b>24</b>

FOURTH YEAR									
FIRST SEMESTER				SECOND SEMESTER					
CODE	COURSE DESCRIPTION	Pre-Req	Units	CODE	COURSE DESCRIPTION	Pre-Req	Units		
Intern101	Clinical Internship 1 (with LABORATORY)	All MLS courses	12	Intern102	Clinical Internship 2 (with LABORATORY)	All MLS courses	12		
MTAP101	Medical Technology Assessment Program 1	All MLS courses	2	MTAP102	Medical Technology Assessment Program 2	All MLS courses	2		
SEM101	Seminar 1		1	SEM102	Seminar 2		1		
			<b>TOTAL</b>	<b>15</b>				<b>TOTAL</b>	<b>15</b>

**\*Instrumentation and Quality Control shall be integrated in all Professional Laboratory Courses.**

Prepared by: Joel R. Aguilan, PhD, MAT, RMT  
Dean

Approved by: Dr. Maria Susan Teresita S. Calayan  
Vice President for Academic Affairs