



JOSE MARIA COLLEGE

Philippine - Japan Friendship Highway
Sasa, Davao City

BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY/MEDICAL LABORATORY SCIENCE

Effective AY 2020-2021
(Per CHED CMO# 13 Series of 2017)

FIRST YEAR											
Code	Pre-Req	First Semester Description	Units			Code	Pre-Req	Second Semester Description	Units		
			Lec	Lab	Total				Lec	Lab	Total
__GE 3	none	Purposive Communication	3	-	3	__GE 1	none	Understanding the Self	3	-	3
__GE 2	none	Mathematics in the Modern World	3	-	3	__GE 8	none	Ethics	3	-	3
__PMLS 1	none	Principles of Medical Laboratory Science Practice 1 (Intro to Med Lab Science, Lab Safety and Waste Management)	3	1	4	__GE 6	none	Art Appreciation	3	-	3
__MT 100	none	Human Anatomy & Physiology with Pathophysiology	3	2	5	__PMLS 2	PMLS1; MT100	Principles of Medical Laboratory Science Practice 2 (Clinical Laboratory Assistance and Phlebotomy)	2	1	3
__CHEM 100	none	Inorganic and Organic Chemistry	2	2	4	CPH	none	Community and Public Health for Med Lab Science	2	2	4
SF 1	none	Student Formation 1	-	1	1	__CHEM 200	CHEM 100	Analytical Chemistry (Qualitative and Quantitative Chemistry)	2	2	4
__PE 1	none	Physical Education 1	2	-	2	SF 2	SF 1	Student Formation 2	-	1	1
__NSTP 1	none	Civic Welfare Training Services 1	3	-	3	PE 2	PE 1	Physical Education 2	2	-	2
			19	6	25	NSTP 2	NSTP 1	Civic Welfare Training Services 2	3	-	3
									20	6	26

SUMMER											
Code	Pre-Req	Description	Units								
			Lec	Lab	Total						
__HIS	none	Health Information System for Med Lab Science	2	1	3						
__MT 701	MT100	Forensic Science for Med Lab Science	2	1	3						
__GE 12	none	Great Books	3	-	3						
			7	2	9						

SECOND YEAR											
Code	Pre-Req	First Semester Description	Units			Code	Pre-Req	Second Semester Description	Units		
			Lec	Lab	Total				Lec	Lab	Total
__GE 5	none	The Contemporary World	3	-	3	__GE 7	none	Science, Technology & Society	3	-	3
__GE 9	none	Life and Works of Rizal	3	-	3	__GE 4	none	Readings in Philippine History	3	-	3
__CHEM 300	CHEM 200	Biochemistry for Med Lab Science	3	2	5	__GE 10	none	Living in the IT Era	3	-	3
__MT700	none	Laboratory Management	2	-	2	__MT 500	MT100	Cytogenetics	2	-	2
__BIOEPID	CPH	Biostatistics and Epidemiology	2	1	3	__MT 200	none	Human Histology	2	1	3
__PSTMLS	none	Principles of Teaching in Health Education	2	-	2	__GE 11	none	Environmental Science	3	-	3
__MT 603	MT100; PMLS2	Clinical Parasitology	3	1	4	__MT 606	none	Immunology and Serology	3	1	4
SF 3	SF 1	Student Formation 3	-	1	1	__MT 608	MT 100	Analysis of Urine and Other Body Fluids	3	1	4
__PE 3	PE 2	Physical Education 3	2	-	2	SF 4	SF 1	Student Formation 4	-	1	1
			20	5	25	__PE 4	PE 3	Physical Education 4	2	-	2
									24	4	28

SUMMER											
Code	Pre-Req	Description	Units								

THIRD YEAR											
Code	Pre-Req	First Semester Description	Units			Code	Pre-Req	Second Semester Description	Units		
			Lec	Lab	Total				Lec	Lab	Total
__RES 1	BIOEPID	Intro to Med Lab Research	2	1	3	__RES 2	RES 1	Med Lab Science Research Paper Writing and Presentation	1	2	3
__MT 602	MT 100	Clinical Bacteriology	3	2	5	__MT 609		Clinical Mycology and Virology	2	-	2
__MT 604a	MT 100	Clinical Hematology 1	3	1	4	__MT 607	MT 400; MT 604a	Clinical Immunohematology	3	1	4
__MT 601a	MT 100; CHEM 300	Clinical Chemistry 1	3	2	5	__MT 604b	MT 604a	Clinical Hematology 2	3	1	4
__MT 400	GE 8	MedTech Laws and Bioethics	3	-	3	__MT 601a	MT 601a	Clinical Chemistry 2	3	2	5
__MT 300	CHEM 300; MT 500	Molecular Biology	2	2	4	__MT 605	MT 200	Histopathologic and Cytologic Techniques	3	1	4
__SF 5	SF 1	Student Formation 5	-	1	1	SF 6	SF 1	Student Formation 6	-	1	1
			16	9	25				15	8	23

SUMMER											
Code	Pre-Req	Description	Units								
__MT 702	All Prof Courses	Emergency Medical Service *NCII	2	3	5						
__MT 703	All Prof Courses	Clinical Simulation	-	3	3						
			2	6	8						

FOURTH YEAR											
Code	Pre-Req	First Semester Description	Units			Code	Pre-Req	Second Semester Description	Units		
			Lec	Lab	Total				Lec	Lab	Total
__INTERNSHIP 1	All Prof Courses + MT 703	Clinical Internship 1	-	14	14	__INTERNSHIP 2	INTERNSHIP 1	Clinical Internship 2	-	14	14
__MTAP 1		Medical Technology Assessment Program 1	2	4	6	__MTAP 2	MTAP 1	Medical Technology Assessment Program 2	2	4	6
__SEM 1		Seminar 1	3	2	5	__SEM 2	SEM 1	Seminar 2	3	2	5
			5	20	25				5	20	25

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