



SILLIMAN UNIVERSITY

DUMAGUETE CITY

School/College:

INSTITUTE OF CLINICAL LABORATORY SCIENCES

Program Name:

BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY

Curriculum Year:

Curriculum Approved by Academic Council for SY 2018-2019

FIRST YEAR

First Semester					
Subject Code	Course Title	Lec	Lab	Units	Pre-Requisite
CHEM 18	Inorganic and Analytical Chemistry			5	Gen Chem
CHS 1	Reading and Interpreting the Hebrew Scripture			3	
GE 4	Mathematics in the Modern World			3	
GE 5	Purposive Communication			3	
MT 11	Principles of MedLab Sciences Practice I			3	Bio, Gen Chem
MT 13	Clinical Anatomy & Physiology for Med Lab Science			4	Physics
NSTP 1	National Service Training Program I			3	
PE 1	Physical Fitness			2	
PEP 1				0	
TOTAL:				26	

Second Semester					
Subject Code	Course Title	Lec	Lab	Units	Pre-Requisite
CHEM 19	Organic Chemistry			5	Chem 18
CHS 2	Reading and Interpreting the Christian Scriptures			3	CHS 1
GE 3	The Contemporary World			3	
GE 6	Art Appreciation			3	
GE 7	Science, Technology and Society			3	
MT 14	Health Information System for MedLab Sciences			3	
MT 12	Principles of MedLab Sciences Practice II			3	MT 11, MT 13
NSTP 2	National Service Training Program II			3	NSTP 1
PE 2	Basic Physical Educaiton 2			2	PE 1
PEP 2				0	PEP 1
TOTAL:				28	

SUMMER

Subject Code	Course Title	Lec	Lab	Units	Pre-Requisite
CHS 3	Ethics of the Christian Faith			3	CHS 1
GE 1	Understanding Self			3	
GE 2	Readings in the Philippine History			3	
TOTAL:				9	

SECOND YEAR

First Semester					
Subject Code	Course Title	Lec	Lab	Units	Pre-Requisite
CHEM 20	Biochemistry for MedLab Sciences			5	Chem 19
GE 8	Ethics			3	
GE 10	WPE for MedTech			3	
MT 21	Biostatistics and Epidemiology			3	MT 12
MT 23	Laboratory Management			2	MT 12, MT 13
MT 25	Medical Pathophysiology			2	MT 12, MT 13
MT 27	MedTech Laws and Bioethics			3	MT 12
MT 29	Principles & Strategies of Teaching MedTech			3	
PE 3	Physical Education 3			2	PE 1
TOTAL:				26	

Second Semester					
Subject Code	Course Title	Lec	Lab	Units	Pre-Requisite
GE 11	Environmental Science (ELECTIVE)			3	
GE 9	Life and Works of Rizal			3	
LITT 21	Introduction to Literary Theory			3	GE 5
MT 20	Introduction to Medical Microbiology			2	CHEM20, MT 25
MT 22	Community and Public Health for MedLab Sciences			5	CHEM20, MT 25
MT 24	Endocrinology/Toxicology w/ TDM			3	CHEM20, MT 25
MT 26	Clinical Parasitology			4	CHEM20, MT 25
MT 30	Medical Histology			2	CHEM20, MT 25
PE 4	Basic Physical Educaiton 4			2	PE 1
TOTAL:				24	

THIRD YEAR

First Semester					
Subject Code	Course Title	Lec	Lab	Units	Pre-Requisite
MT 28	Cytogenetics			2	CHEM20, MT 25
MT 31	Clinical Chemistry 1			4	MT 23, MT 24
MT 33	Hematology 1			4	MT 23, MT 24
MT 35	Analysis of Urine Body Fluids			4	MT 23,24,25
MT 37	Clinical Bacteriology			5	MT 20,22,28
MT 39	Histopathologic and Cytologic Techniques			3	MT 25, MT 30
MT 41	Intro to MedTech Research			3	MT 20,21,22
MT 43	Medical Virology			2	MT 20, MT 28
TOTAL:				27	

Second Semester					
Subject Code	Course Title	Lec	Lab	Units	Pre-Requisite
MT 32	Clinical Chemistry 2			3	MT 31
MT 34	Hematology 2			3	MT 33
MT 36	Immunohematology			4	MT 37
MT 38	Immonology & Serology			5	MT 37
MT 40	Medical Mycology			3	MT 37
MT 42	Med Lab Science Research Paper Writing & Presentation			3	MT 41
MT 44	Molecular Biology & Diagnosis			3	MT 26,33,37,39
TOTAL:				24	

FOURTH YEAR

First Semester*					
Subject Code	Course Title	Lec	Lab	Units	Pre-Requisite
MT 51	Clinical Internship 1			12	LEVEL I,II,III
MT 53	Medical Technology Assessment Prog.1			2	LEVEL I,II,III
MT 55	Seminar 1			1	LEVEL I,II,III
TOTAL:				15	

Second Semester**					
Subject Code	Course Title	Lec	Lab	Units	Pre-Requisite
MT 52	Clinical Internship 2			12	MT 51
MT 54	Medical Technology Assessment Prog 2			2	MT 53
MT 56	Seminar 2			1	MT 55
TOTAL:				15	

* Classes will start on June 1 and end on October 31. (26 week/1st semester)

** Classes will start on November 1 and end on May 31. (26 weeks/2nd semester)

Total credits:

Note: Admission Requirements; All strands will be accepted/admitted

Augmentation Learning Activities

Subjects	Units	Schedule Offering
Gen. Chemistry	Gen. Chem 1 & 2	CHEM 13
Gen. Biology	Gen. Bio 1 & 2	GEN BIO (ALA)
Gen. Physics	Gen. Physics 1 & 2	PHYS 00 (ALA)
Calculus	Pre & Basic Calculus	MATH 00 (AUG)

Summary of Curriculum Components

	Units
General Education Subjects	24
Major Subjects / Professional Subjects	89
GE Electives and Mandated Course	15
Core Courses	21
Practicum/Thesis/OJT	28
NSTP	6
PE	8
Institutional Required Subjects	6
Total credit units	197

Remarks:
