

CENTRO ESCOLAR UNIVERSITY
Manila*Makati*Malolos
School of Medical Technology

FOUR-YEAR PROGRAM LEADING TO THE DEGREE
BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY
Effective School Year 2021-2022

FIRST YEAR

First Semester										
Class Code	Descriptive Title	Units				No. of Hours				*Pre-requisites **Co-requisites
		Lec	Lab	Int	Total	Lec	Lab	Int	Total	
PCCH100	Inorganic Chemistry	2	1	0	3	2	3	0	5	NONE
PCML111	Principles of Medical Technology Practice 1	3	0	0	3	3	0	0	3	NONE
PCZO100	Foundations of Zoology	2	1	0	3	2	3	0	5	NONE
COLA31	Foreign Language 1	3	0	0	3	3	0	0	3	NONE
COSH31	Art Appreciation	3	0	0	3	3	0	0	3	NONE
COSH41	Readings in Philippine History	3	0	0	3	3	0	0	3	NONE
COPE22	PATH-FIT 2: Swimming/Recreation	2	0	0	2	2	0	0	2	NONE
COSH11	Empowering the Self	2	0	0	2	2	0	0	2	NONE
COSH21	Religion: History and Texts	3	0	0	3	3	0	0	3	NONE
TOTAL		23	2	0	25	23	6	0	29	

Second Semester

Second Semester										
Class Code	Descriptive Title	Units				No. of Hours				*Pre-requisites **Co-requisites
		Lec	Lab	Int	Total	Lec	Lab	Int	Total	
PCBI102	Human Anatomy and Physiology	3	2	0	5	3	6	0	9	*PCZO100,* PCML111
PCCH103	Organic Chemistry	3	2	0	5	3	6	0	9	*PCCH100
PCML112	Principles of Medical Technology Practice 2	2	1	0	3	2	3	0	5	*PCML111
PCML113	Human Histology	2	1	0	3	2	3	0	5	*PCZO100, **PCBI102
COLA11	Purposive Communication	3	0	0	3	3	0	0	3	NONE
COLA32	Foreign Language 2	3	0	0	3	3	0	0	3	*COLA31
COMA11	Mathematics in the Modern World	3	0	0	3	3	0	0	3	NONE
COPY11	Understanding the Self	3	0	0	3	3	0	0	3	NONE
COPE21	PATH-FIT 1: Movement Competency Training	2	0	0	2	2	0	0	2	NONE
TOTAL		24	6	0	30	24	18	0	42	

SECOND YEAR

First Semester										
Class Code	Descriptive Title	Units				No. of Hours				*Pre-requisites **Co-requisites
		Lec	Lab	Int	Total	Lec	Lab	Int	Total	
PCCH104	Biochemistry	3	2	0	5	3	6	0	9	*PCCH103
PCML114	Pathophysiology	2	0	0	2	2	0	0	2	* PCML113, *PCBI102
PCML117	Community and Public Health for Medical Technology	2	2	0	4	2	6	0	8	*PCML111, *PCML112, **PCML119
PCML118	Principles and Strategies of Teaching in Medical Technology	2	0	0	2	2	0	0	2	NONE
PCML119	Biostatistics and Epidemiology	2	1	0	3	2	3	0	5	*PCML112, *COMA11
COLA51	Expository Writing for Global Communication	3	0	0	3	3	0	0	3	NONE
COSH22	Man, Church and Society	3	0	0	3	3	0	0	3	NONE
COSH32	Ethics	3	0	0	3	3	0	0	3	NONE
COSH43	The Life and Works of Rizal	3	0	0	3	3	0	0	3	NONE
COPE24	PATH-FIT 4: Team Sports/Games	2	0	0	2	2	0	0	2	NONE
CONP11	NSTP 1	3	0	0	3	3	0	0	3	NONE
TOTAL		28	5	0	33	28	15	0	43	

Second Semester

Second Semester										
Class Code	Descriptive Title	Units				No. of Hours				*Pre-requisites **Co-requisites
		Lec	Lab	Int	Total	Lec	Lab	Int	Total	
PCCE102	Health Information System	2	1	0	3	2	3	0	5	NONE
PCCH105	Analytical Chemistry	3	2	0	5	3	6	0	9	*PCCH100, *PCCH103
PCML115	Human Genetics with Cytogenetics	2	1	0	3	2	3	0	5	*PCCH104
PRML121	Clinical Parasitology	2	1	0	3	2	3	0	5	*PCML114
PRML151	Med. Tech. Laws and Bioethics	3	0	0	3	3	0	0	3	*PCML111, *PCML112
PRML133	Analysis of Urine and Other Body Fluids	2	1	0	3	2	3	0	5	*PCCH104, *PCBI102
CONS21	Science, Technology and Society	3	0	0	3	3	0	0	3	NONE
COSH42	The Contemporary World	3	0	0	3	3	0	0	3	NONE
COPE23	PATH-FIT 3: Dance/Individual-Dual Sports	2	0	0	2	2	0	0	2	NONE
CONP12	NSTP 2	3	0	0	3	3	0	0	3	*CONP11
TOTAL		25	6	0	31	25	18	0	43	

Charito M. Bernier

THIRD YEAR

First Semester										
Class Code	Descriptive Title	Units				No. of Hours				*Pre-requisites **Co-requisites
		Lec	Lab	Int	Total	Lec	Lab	Int	Total	
COCE51	Internet of Things	3	0	0	3	3	0	0	3	NONE
PRML131	Clinical Chemistry 1	3	2	0	5	3	6	0	9	*PCCH104, *PCBI102, *PCCH105
PRML122	Clinical Bacteriology	3	2	0	5	3	6	0	9	*PCCH104, *PCBI102
PRML141	Hematology 1	3	2	0	5	3	6	0	9	*PCCH104, *PCML113
PRML191	Undergraduate Research 1	1	2	0	3	1	6	0	7	*PCML119, *PRML121, *PCML115, *PRML133, *PCML117
PCML116	Molecular Biology and Diagnostics	1	2	0	3	1	6	0	7	*PCML115
PRML199	Interprofessional Education and Practice	1	0	0	1	1	0	0	1	NONE
TOTAL		15	10	0	25	15	30	0	45	

Second Semester										
Class Code	Descriptive Title	Units				No. of Hours				*Pre-requisites **Co-requisites
		Lec	Lab	Int	Total	Lec	Lab	Int	Total	
COLA21	Malikhaing Komunikasyon Gamit ang Panitikang Popular	3	0	0	3	3	0	0	3	NONE
PRML123	Mycology and Virology	2	0	0	2	2	0	0	2	*PRML122
PRML145	Histopathologic and Cytologic Techniques	2	1	0	3	2	3	0	5	*PCML113, *PCML114, *PCCH104
PRML142	Hematology 2	2	1	0	3	2	3	0	5	*PRML141
PRML143	Immunology and Serology	3	1	0	4	3	3	0	6	*PRML122, *PCML114
PRML152	Laboratory Management with Clinical Laboratory Practice (CLP)	2	1	0	3	2	3	0	5	*PRML151
PRML132	Clinical Chemistry 2	3	2	0	5	3	6	0	9	*PRML131
PRML144	Immunohematology	3	1	0	4	3	3	0	6	*PCML115
PRML192	Undergraduate Research 2	2	1	0	3	2	3	0	5	*PRML191
COSH12	Living and Loving Relationships	2	0	0	2	2	0	0	2	*COSH11
TOTAL		24	8	0	32	24	24	0	48	

FOURTH YEAR

First Semester										
Class Code	Descriptive Title	Units				No. of Hours				*Pre-requisites **Co-requisites
		Lec	Lab	Int	Total	Lec	Lab	Int	Total	
PRML181	Special Topics in Medical Technology 1	1	0	0	1	1	0	0	1	*All third year subjects
PRML183	Clinical Internship 1 - 832 hrs. (total)	0	0	17	17	0	0	47	47	*All third year subjects
PRML188	Medical Technology Assessment Program 1	3	0	0	3	3	0	0	3	*All third year subjects
TOTAL		4	0	17	21	4	0	47	51	

Second Semester										
Class Code	Descriptive Title	Units				No. of Hours				*Pre-requisites **Co-requisites
		Lec	Lab	Int	Total	Lec	Lab	Int	Total	
PRML182	Special Topics in Medical Technology 2	1	0	0	1	1	0	0	1	*PRML181
PRML184	Clinical Internship 2 - 832 hrs. (total)	0	0	17	17	0	0	47	47	*PRML183
PRML189	Medical Technology Assessment Program 2	3	0	0	3	3	0	0	3	PRML188
TOTAL		4	0	17	21	4	0	47	51	

Total No. of Units:

218

Charito M. Benito