

**FAR EASTERN UNIVERSITY**  
**BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY**  
*Effective School Year 2021-2022*

**FIRST YEAR**

**First Semester**

Course Code	Course Title	LEC	LAB	RLE	PREREQUISITES
GED0101	College Academic Skills in English (CASE)	3			
GED0106	Art Appreciation	3			
GED0110	Understanding the Self	3			
GED0116	Retorika	3			
MTY1101	Inorganic and Organic Chemistry	2	2		
MTY1102	Human Anatomy and Physiology with Pathophysiology	2	2		
NST0101	National Service Training Program 1	3			
WRP0201	Wellness and Recreation Program 1	1.5			
	<b>Total Units</b>	<b>20.5</b>	<b>4</b>		

Total Units excluding NSTP and WRP

20

**Second Semester**

Course Code	Course Title	LEC	LAB	RLE	PREREQUISITES
GED0102	The Life and Works of Rizal	3			
GED0103	Mathematics in the Modern World	3			
GED0109	Speech Communication	3			
MTY1103	Analytical Chemistry	2	2		MTY1101
MTY1104	Biostatistics and Epidemiology	2	1		
MTY1201	Principles of Medical Technology Practice 1	3			
MTY1203	Cytogenetics	2			MTY1102
NST0102	National Service Training Program 2	3			
WRP0202	Wellness and Recreation Program 2	1.5			
	<b>Total Units</b>	<b>22.5</b>	<b>3</b>		

Total Units excluding NSTP and WRP

25.5 21

**SECOND YEAR**

**First Semester**

Course Code	Course Title	LEC	LAB	RLE	Year/Sem Taken
GED0113	The Filipino in the Contemporary World	3			
GED0119	Purposive Communication	3			GED0101
MTY1105	Principles & Strategies of Teaching in Medical Technology	2			
MTY1106	Health Information System for Medical Technology	2	1		MTY1201
MTY1107	Biochemistry for Medical Technology	3	2		MTY1102, MTY1103
MTY1202	Principles of Medical Technology Practice 2	2	1		MTY1201
MTY1208	Human Histology	1	1		MTY1102
WRP0203	Wellness and Recreation Program 3	1.5			
	<b>Total Units</b>	<b>17.5</b>	<b>5</b>		

**Second Semester**

Course Code	Course Title	LEC	LAB	RLE	PREREQUISITES
GED0107	Readings in Philippine History	3			
GED0114	Applied Ethics in Contemporary Times	3			
GED0120	Scholarly Inquiry	3			GED0119
MTY1204	Community and Public Health for Medical Technology	2		2	MTY1104
MTY1205	Laboratory Management	2			MTY1202
MTY1206	Clinical Parasitology	2	1		MTY1202
MTY1207	Med Tech Laws and Bioethics	3			MTY1202
WRP0204	Wellness and Recreation Program 4	1.5			
	<b>Total Units</b>	<b>19.5</b>	<b>1</b>	<b>2</b>	

**Summer**

Course Code	Course Title	LEC	LAB	RLE	PREREQUISITES
GED0104	Science Technology and Society	3			
GED0117	Culture, Society, Ideas, and Innovations (CSII)	3			
GED0118	Talakayan sa Makabuluhang Araling Pangkultura, Panlipunan at Reyalistikong Usapin sa Wika (TAMARAW)	3			
	<b>Total Units</b>	<b>9</b>			

*Students must PASSED all 1st and 2nd Year MTY courses to be eligible for the Qualifying Examination (Battery Examination). Passing the Qualifying Examination is a requirement to enter the 3rd Year level.*

**THIRD YEAR**

**First Semester**

Course Code	Course Title	LEC	LAB	RLE	PREREQUISITES
MTY1222	Clinical Chemistry 1	3	2		MTY1201, MTY1101, MTY1102, MTY1202, MTY1103, MTY1203, MTY1104, MTY1204, MTY1205, MTY1105, MTY1206, MTY1207, MTY1208, MTY1106, MTY1107
MTY1223	Clinical Bacteriology	3	2		MTY1201, MTY1101, MTY1102, MTY1202, MTY1103, MTY1203, MTY1104, MTY1204, MTY1205, MTY1105, MTY1206, MTY1207, MTY1208, MTY1106, MTY1107
MTY1224	Hematology 1	3	1		MTY1201, MTY1101, MTY1102, MTY1202, MTY1103, MTY1203, MTY1104, MTY1204, MTY1205, MTY1105, MTY1206, MTY1207, MTY1208, MTY1106, MTY1107
MTY1225	Immunology and Serology	3	1		MTY1201, MTY1101, MTY1102, MTY1202, MTY1103, MTY1203, MTY1104, MTY1204, MTY1205, MTY1105, MTY1206, MTY1207, MTY1208, MTY1106, MTY1107
MTY1226	Molecular Biology and Diagnostics	1	2		MTY1201, MTY1101, MTY1102, MTY1202, MTY1103, MTY1203, MTY1104, MTY1204, MTY1205, MTY1105, MTY1206, MTY1207, MTY1208, MTY1106, MTY1107
MTY1303	Introduction to Medical Technology Research	1	1		MTY1201, MTY1101, MTY1102, MTY1202, MTY1103, MTY1203, MTY1104, MTY1204, MTY1205, MTY1105, MTY1206, MTY1207, MTY1208, MTY1106, MTY1107
WRP0205	Wellness and Recreation Program 5	1.5			
	<b>Total Units</b>	<b>15.5</b>	<b>9</b>		

**Second Semester**

Course Code	Course Title	LEC	LAB	RLE	PREREQUISITES
MTY1227	Histopathologic and Cytologic Techniques	2	1		MTY1102, MTY1208, MTY1226
MTY1228	Analysis of Urine and Body Fluids	2	1		MTY1201, MTY1222, MTY1223, MTY1224
MTY1405	Clinical Chemistry 2	3	2		MTY1222
MTY1406	Hematology 2	2	1		MTY1224
MTY1407	Immunoematology	3	1		MTY1224, MTY1225
MTY1408	Mycology and Virology	2			MTY1223
MTY1409	MT Research Paper Writing and Presentation	1	2		MTY1303
WRP0206	Wellness and Recreation Program 6	1.5			
	<b>Total Units</b>	<b>16.5</b>	<b>8</b>		

*Students must pass ALL 1st to 3rd year courses to be eligible to take 4th year courses.*

**FOURTH YEAR**

**First Semester**

Course Code	Course Title	LEC	LAB	RLE	PREREQUISITES
MTY1410	Clinical Internship 1		12		GED0106, GED0116, GED0109, GED0110, MTY1101, MTY1102, WRP0201, GED0101, GED0103, GED0102, MTY1201, MTY1103, MTY1203, MTY1104, WRP0202, GED0113, GED0114, MTY1107, MTY1202, MTY1208, MTY1105, MTY1106, WRP0203, GED0107, GED0111, GED0112, MTY1204, MTY1205, MTY1206, MTY1207, WRP0204, GED0104, GED0117, GED0118, MTY1222, MTY1223, MTY1224, MTY1225, MTY1303, MTY1226, WRP0205, MTY1214, MTY1215, MTY1227, MTY1217, MTY1218, MTY1302, MTY1228, WRP0206
MTY1411	Medical Technology Assessment Program 1	5			GED0106, GED0116, GED0109, GED0110, MTY1101, MTY1102, WRP0201, GED0101, GED0103, GED0102, MTY1201, MTY1103, MTY1203, MTY1104, WRP0202, GED0113, GED0114, MTY1107, MTY1202, MTY1208, MTY1105, MTY1106, WRP0203, GED0107, GED0111, GED0112, MTY1204, MTY1205, MTY1206, MTY1207, WRP0204, GED0104, GED0117, GED0118, MTY1222, MTY1223, MTY1224, MTY1225, MTY1303, MTY1226, WRP0205, MTY1214, MTY1215, MTY1227, MTY1217, MTY1218, MTY1302, MTY1228, WRP0206
MTY1412	Seminar 1	1			GED0106, GED0116, GED0109, GED0110, MTY1101, MTY1102, WRP0201, GED0101, GED0103, GED0102, MTY1201, MTY1103, MTY1203, MTY1104, WRP0202, GED0113, GED0114, MTY1107, MTY1202, MTY1208, MTY1105, MTY1106, WRP0203, GED0107, GED0111, GED0112, MTY1204, MTY1205, MTY1206, MTY1207, WRP0204, GED0104, GED0117, GED0118, MTY1222, MTY1223, MTY1224, MTY1225, MTY1303, MTY1226, WRP0205, MTY1214, MTY1215, MTY1227, MTY1217, MTY1218, MTY1302, MTY1228, WRP0206
WRP0207	Wellness and Recreation Program 7	1.5			
	<b>Total Units</b>	<b>7.5</b>	<b>12</b>		

**Second Semester**

Course Code	Course Title	LEC	LAB	RLE	PREREQUISITES
MTY1413	Clinical Internship 2		12		MTY1410
MTY1414	Medical Technology Assessment Program 2	5			MTY1411
MTY1415	Seminar 2	1			MTY1412
WRP0208	Wellness and Recreation Program 8	1.5			
	<b>Total Units</b>	<b>7.5</b>	<b>0</b>		

**Grand Total Number of Units**

**180**