



# BACHELOR OF SCIENCE IN **MEDICAL TECHNOLOGY**





FIRST SEMESTER

Course Code	Course Title	Lec.	Lab.	Pre-Requisites
GED0101	College Academic Skills in English	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		
	Total Units	20.5	4	

SECOND SEMESTER

Course Code	Course Title	Lec.	Lab.	Pre-Requisites
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		
	Total Units	22.5	3	

FIRST SEMESTER

Course Code	Course Title	Lec.	Lab.	Pre-Requisites
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		
	Total Units	17.5	5	

SECOND SEMESTER

Course Code	Course Title	Lec.	Lab.	RLE	Pre-Requisites
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			
	Total Units	19.5	1	2	

**SUMMER**

Course Code	Course Title	Lec.	Lab.	Pre-Requisites
GED0104	Science, Technology, and Society	3		
GED0117	Culture, Society, Ideas, and Innovations	3		
GED0118	Talakayan sa Makabuluhang Araling Pangkultura, Panlipunan at Reyalistikong Usapin sa Wika	3		
	<b>Total Units</b>	<b>9</b>		

- ✓ Students must PASS 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.

**FIRST SEMESTER**

Course Code	Course Title	Lec.	Lab.	Pre-Requisites
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.	Pre-Requisites
MTY1214	Clinical Chemistry 2	3	2	MTY1222
MTY1215	Hematology 2	2	1	MTY1224
MTY1217	Immunohematology	3	1	MTY1224. MTY1225
MTY1218	Mycology and Virology	2		MTY1223
MTY1227	Histopathologic and Cytologic Techniques	2	1	MTY1102, MTY1208, MTY1226
MTY1228	Analysis of Urine and Body Fluids	2	1	MTY1201, MTY1222, MTY1223, MTY1224
MTY1302	Medical Technology Research Paper Writing and Presentation	1	2	MTY1303
WRP0206	Wellness and Recreation Program 6	1.5		
	Total Units	16.5	8	

 Students must PASS all 1st to 3rd year courses to be eligible to take 4th year courses.



## FIRST SEMESTER

Course Code	Course Title	Lec.	Lab.	Pre-Requisites
MTY1401	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
MTY1402	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
MTY1220	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		
	Total Units	7.5	12	
MTY1228	Analysis of Urine and Body Fluids	2	1	MTY1201, MTY1222, MTY1223, MTY1224
MTY1302	Medical Technology Research Paper Writing and Presentation	1	2	MTY1303
WRP0206	Wellness and Recreation Program 6	1.5		
	Total Units	16.5	8	

## SECOND SEMESTER

Course Code	Course Title	Lec.	Lab.	Pre-Requisites
MTY1221	Seminar 2	1		MTY1220
MTY1403	Clinical Internship 2		12	MTY1401
MTY1404	Medical Technology Assessment Program 2	5		MTY1402
WRP0208	Wellness and Recreation Program 8	1.5		
	Total Units	7.5	12	



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