



BRAINWARE UNIVERSITY
School of Medical and Allied Health Sciences
Department of Allied Health Science
Master of Science in Medical Laboratory Technology (M.Sc. MLT)-2024

Semester I

Course Code	Course Name	Evaluation Scheme		Total	L-T-P	Credits	Total Marks
		CIE	ESE				
MMTC01001	Applied Hematology & Clinical Pathology	40	60	100	4-0-0	4	100
MMTC01901	Applied Hematology & Clinical Pathology Lab	40	60	100	0-0-4	2	100
MMTC01002	Clinical Biochemistry	40	60	100	4-0-0	4	100
MMTC01902	Clinical Biochemistry Lab	40	60	100	0-0-4	2	100
MMTC01003	Human Anatomy & Applied Physiology	40	60	100	4-0-0	4	100
MMTC01004	Point of Care Testing & Laboratory Automation	40	60	100	4-0-0	4	100
	Total	240	360	600	24	20	600



BRAINWARE UNIVERSITY
School of Medical and Allied Health Sciences
Department of Allied Health Science
Master of Science in Medical Laboratory Technology (M.Sc. MLT)-2024

Semester II

Course Code	Course Name	Evaluation Scheme		Total	L - T - P	Credits	Total Marks
		CIE	ESE				
MMTC02001	Medical Molecular Biology & Biotechnology	40	60	100	4-0-0	4	100
MMTC02901	Medical Molecular Biology & Biotechnology Lab	40	60	100	0-0-4	2	100
MMTC02002	Diagnostic Microbiology & Parasitology	40	60	100	4-0-0	4	100
MMTC02902	Diagnostic Microbiology Lab & Parasitology	40	60	100	0-0-4	2	100
MMTC02003	Forensic Science & Toxicology	40	60	100	4-0-0	4	100
MMTD02004	A. Diagnostic Endocrinology & Enzymology	40	60	100	4-0-0	4	100
	B. MOOCS				0-0-0		
Total		240	360	600	20	20	600



BRAINWARE UNIVERSITY
School of Medical and Allied Health Sciences
Department of Allied Health Science
Master of Science in Medical Laboratory Technology (M.Sc. MLT)-2024

Semester III

Course Code	Course Name	Evaluation Scheme		Total	L - T - P	Credits	Total Marks
		CIE	ESE				
MMTC03001	Histopathology & Modern Diagnostic Oncopathology	40	60	100	4-0-0	4	100
MMTC03901	Histopathology & Modern Diagnostic Oncopathology Lab	40	60	100	0-0-4	2	100
MMTC03002	Medical Bioinformatics & Biostatistics	40	60	100	4-0-0	4	100
MMTD03001	A. Medical Entrepreneurship	40	60	100	4-0-0	4	100
	B. MOOCS				0-0-0	4	100
MMTR03801	Project I	0	0	100	0-0-0	6	100
Total		200	300	500	16	20	500

Semester IV

Course Code	Course Name	Evaluation Scheme		Total	L - T - P	Credits	Total Marks
		CIE	ESE				
MMTC04001	Immunohematology & Blood Banking	40	60	100	4-0-0	4	100
MMTC04002	Industrial and Pharmaceutical Microbiology	40	60	100	4-0-0	4	100
MMTC04003	Application of AI in Medical Science	40	60	100	4-0-0	4	100
MMTC04004	Hospital & laboratory organization Management	40	60	100	2-0-0	2	100
MMTR04801	Project II	0	0	100	0-0-0	6	100
Total		160	240	500	14	20	500