



BRAINWARE UNIVERSITY
School of Medical & Allied Health Sciences
Department of Allied Health Sciences
Master of Medical Laboratory Science (MMLS)-2026
(As per NCAHP Guidelines 2025)

Semester I

Course Code	Course Name	L	T	P	Evaluation Scheme		Total Marks	Credits
					CIE	ESE		
MMS1001	Applied Hematology & Clinical Pathology	4	0	0	40	60	100	4
MMS1002	Clinical Biochemistry	4	0	0	40	60	100	4
MMS1003	Human Anatomy & Applied Physiology	4	0	0	40	60	100	4
MMS1004	Point of Care Testing & Laboratory Automation	4	0	0	40	60	100	4
MMS1905	Applied Hematology & Clinical Pathology Lab	0	0	4	40	60	100	2
MMS1906	Clinical Biochemistry Lab	0	0	4	40	60	100	2
Total		16	0	8	240	360	600	20

Semester II

Course Code	Course Name	L	T	P	Evaluation Scheme		Total Marks	Credits
					CIE	ESE		
MMS2001	Medical Molecular Biology & Biotechnology	4	0	0	40	60	100	4
MMS2002	Diagnostic Microbiology & Parasitology	4	0	0	40	60	100	4
MMS2003	Forensic Science & Toxicology	4	0	0	40	60	100	4
MMS2004	A. Diagnostic Endocrinology & Enzymology	4	0	0	40	60	100	4
	B. MOOCS	0	0	0				
MMS2905	Medical Molecular Biology & Biotechnology Lab	0	0	4	40	60	100	2
MMS2906	Diagnostic Microbiology Lab & Parasitology	0	0	4	40	60	100	2
Total		16	0	8	240	360	600	20

Semester III

Course Code	Course Name	L	T	P	Evaluation Scheme		Total Marks	Credits
					CIE	ESE		
MMS3001	Histopathology & Modern Diagnostic Oncopathology	4	0	0	40	60	100	4
MMS3002	Medical Bioinformatics & Biostatistics	4	0	0	40	60	100	4
MMS3003	A. Medical Entrepreneurship	4	0	0	40	60	100	4
	B. MOOCS	0	0	0				
MMS3804	Project I	0	0	0	0	0	100	6
MMS3905	Histopathology & Modern Diagnostic Oncopathology Lab	0	0	4	40	60	100	2
Total		12	0	4	160	240	500	20



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Semester IV

Course Code	Course Name	L	T	P	Evaluation Scheme		Total Marks	Credits
					CIE	ESE		
MMS4001	Immunohematology & Blood Banking	4	0	0	40	60	100	4
MMS4002	Industrial and Pharmaceutical Microbiology	4	0	0	40	60	100	4
MMS4003	Application of AI in Medical Science	4	0	0	40	60	100	4
MMS4004	Hospital & laboratory organization Management	2	0	0	40	60	100	2
MMS4805	Project II	0	0	0	0	0	100	6
Total		14	0	0	160	240	500	20