



BRAINWARE UNIVERSITY
School of Medical & Allied Health Sciences
Department of Allied Health Sciences
Diploma in Medical Laboratory Science - 2026
(As per NCAHP Guideline)

Semester-I

Course Code	Course Name	L	T	P	Evaluation Scheme		Total Marks	Credits
					CIE	ESE		
DMS101	Human Anatomy and Physiology	2	0	0	40	60	100	2
DMS102	Clinical Pathology & Basic Hematology	4	0	0	40	60	100	4
DMS103	Microbiology & General Bacteriology	4	0	0	40	60	100	4
DMS104	Clinical Biochemistry-I	4	0	0	40	60	100	4
DMS195	Clinical Pathology & Basic Hematology Practical	0	0	4	40	60	100	2
DMS196	Microbiology & General Bacteriology Practical	0	0	4	40	60	100	2
DMS197	Clinical Biochemistry Practical-I	0	0	4	40	60	100	2
DMS198	Computer Application – Lab	0	0	2	40	60	100	1
TOTAL		14	0	14	320	480	800	21

Semester-II

Course Code	Course Name	L	T	P	Evaluation Scheme		Total Marks	Credits
					CIE	ESE		
DMS201	Medical Ethics and Patient Care Management	2	0	0	40	60	100	2
DMS202	Hematology	4	0	0	40	60	100	4
DMS203	Systemic & Clinical Bacteriology	4	0	0	40	60	100	4
DMS204	Clinical Biochemistry – II	4	0	0	40	60	100	4
DMS295	Hematology Practical	0	0	4	40	60	100	2
DMS296	Systemic & Clinical Bacteriology Practical	0	0	4	40	60	100	2
DMS297	Clinical Biochemistry Practical – II	0	0	4	40	60	100	2
TOTAL		14	0	12	280	420	700	20



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Semester-III

Course Code	Course Name	L	T	P	Evaluation Scheme		Total Marks	Credits
					CIE	ESE		
DMS301	Cytopathology & Histopathology	4	0	0	40	60	100	4
DMS302	Immunology & Serology	4	0	0	40	60	100	4
DMS303	Virology & Mycology	4	0	0	40	60	100	4
DMS304	Clinical Biochemistry-III	4	0	0	40	60	100	4
DMS395	Cytopathology & Histopathology Practical	0	0	4	40	60	100	2
DMS396	Immunology & Serology Practical	0	0	4	40	60	100	2
DMS397	Clinical Biochemistry Practical-III	0	0	4	40	60	100	2
TOTAL		16	0	12	280	420	700	22

Semester-IV

Course Code	Course Name	L	T	P	Evaluation Scheme		Total Marks	Credits
					CIE	ESE		
DMS401	Histopathology & Blood Banking	4	0	0	40	60	100	4
DMS402	Parasitology & Animal Care	4	0	0	40	60	100	4
DMS403	Clinical Microbiology	4	0	0	40	60	100	4
DMS404	Clinical Biochemistry-IV	4	0	0	40	60	100	4
DMS495	Histopathology & Blood Banking Practical	0	0	4	40	60	100	2
DMS496	Clinical Microbiology Practical	0	0	4	40	60	100	2
DMS497	Clinical Biochemistry Practical-IV	0	0	4	40	60	100	2
TOTAL		16	0	12	280	420	700	22

Semester-V

Course Code	Course Name	L	T	P	Evaluation Scheme		Total Marks	Credits
					CIE	ESE		
DMS581	Internship	0	0	0	0	100	100	10
TOTAL		0	0	0	0	100	100	10