

M.D. UNIVERSITY, ROHTAK
SCHEME OF STUDIES AND EXAMINATION
B.Tech (Biotechnology) Scheme effective from 2024-25
SEMESTER 3rd

Sr. No.	Course Code	Course Title	Hours per week			Total Contact Hrs per week	Credit	Examination Schedule (Marks)				Duration of Exam (Hours)	
			L	T	P			Mark of Class work	Theory	Practical	Total		
1	BSC-BIO-201G	Biology For Engineers	2	1	0	3	3	25	75		100	3	
2	ESC-BT-203G	Thermodynamics of Bioprocesses	3	1	0	4	4	25	75		100	3	
3	PCC-BT 205 G	Biochemistry	3	0	0	3	3	25	75		100	3	
4	PCC-BT 207 G	Cell Biology	3	0	0	3	3	25	75		100	3	
5	PCC-BT 209 G	Genetics	3	0	0	3	3	25	75		100	3	
6	HSMC-211G	English-III	3	0	0	3	3	25	75		100	3	
7	*MC-106G	Environment Science	3	0	1	4	0	25	75	-	-	3	
8	LC-BT 213 G	Biochemistry Lab.	0	0	3	3	1.5	25		25	50	3	
9	LC-BT 215 G	Cell Biology Lab	0	0	3	3	1.5	25		25	50	3	
10.	MC-UHV-II	Universal human values -II: Understanding Harmony	3	0	0	3	3	25	75	--	100	3	
Total							25					800	

MC-106G is a mandatory non-credit course in which the students will be required passing marks in theory.

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SEMESTER 4TH

Sr. No.	Course Code	Course Title	Hours per week			Total Contact Hrs per week	Credit	Examination Schedule (Marks)			Duration of Exam (Hours)	
			L	T	P			Mark of Class work	Theory	Practical		Total
1	PCC-BT 202 G	Microbiology	3	0	0	3	3	25	75		100	3
2	PCC-BT 204 G	Molecular Biology	3	0	0	3	3	25	75		100	3
3	PCC-BT 206 G	Immunology	3	0	0	3	3	25	75		100	3
4	ESC-BT-208G	Bioprocess Engineering	3	0	0	3	3	25	75		100	3
5	BSC-BS 210 G	Biostatistics	3	1	0	4	4	25	75		100	3
6	HSMC-02G	Organizational Behaviour	3	0	0	3	3	25	75		100	3
7	LC-BT 212 G	Microbiology Lab.		0	3	3	1.5	25		25	50	3
8	LC-BT.214 G	Molecular Biology Lab.	0	0	3	3	1.5	25		25	50	3
9	LC-BT 216 G	Immunology Lab	0	0	3	3	1.5	25		25	50	3
Total							23.5				750	

NOTE: At the end of 4th semester, each student has to undergo Practical Training of 4/6 weeks in an Industry/ Institute/ Professional Organization/ Research Laboratory/ training centre etc. and submit typed report along with a certificate from the organization & its location shall be carried out in the 5th Semester.