

Master of Science (M.Sc.) Program  
Under Choice Based Credit System (CBCS)  
Course Structure

M.Sc. I

(To be implemented from Academic Year 2023-24)

No. of Courses	Semester I	Credits	No. of Courses	Semester II	Credits	
	Major Mandatory			Major Mandatory		
23_PSMB101	Molecular Genetics - I	4	23_PSMB201	Applied Biochemistry	4	
23_PSMB102	Medical Microbiology and Microbial Pathogenesis	4	23_PSMB202	Applied Immunology	4	
23_PSMB103	Practical I	4	23_PSMB203	Practical II	4	
23_PSMB104	Environmental Microbiology and sustainability	2	23_PSMB204	Molecular Genetics - II	2	
	Major Electives			Major Electives		
23_PSMB105	Biochemistry I	2	4	23_PSMB205	Biostatistics and Bioinformatics	2
23_PSMB106	Practical of Biochemistry I	2		23_PSMB206	Practical of Biostatistics and Bioinformatics	2
<b>OR</b>				<b>OR</b>		
23_PSMB107	Metabolism of extremophiles and anaerobes.	2		23_PSMB207	Biochemistry-II	2
23_PSMB108	Practical of Metabolism of extremophiles and anaerobes	2		23_PSMB208	Practical of Biochemistry-II	2
23_PSMB109	Research Methodology	4	23_PSMB209	On Job Training/ Field Project	4	
<b>Total Credits</b>		<b>22</b>	<b>Total Credits</b>		<b>22</b>	