

**Department of Botany**  
**THE UNIVERSITY OF BURDWAN**



**M. Sc. SYLLABUS SEMESTER SYSTEM [CHOICE BASED CREDIT SYSTEM]  
[w. e. f. 2020- '21]**

Prepared by The Department of Botany  
The University of Burdwan  
Burdwan 713104

Semester IV

Course				Lect. Hour/Week	Duration of the Exam (in Hour)	Marks			Credi t
Course code	Type/C at.	T/ P	Name			I.A.	E.T	Total	
MSBO401	Core	T	Genetics, Plant Breeding & Biostatistics	4T	2	10	40	50	4
MSBO402	Core	T	Cell Biology & Bioinformatics	4T	2	10	40	50	4
MSBO403	Core (Floati ng)	P	Unit I: Genetics, Plant Breeding & Biostatistics Unit II: Cell Biology & Bioinformatics	4T	2	10	40	50	4
MSBO 404-1	DE	T	1. Plant Physiology and Biochemistry	4T	2	10	40	50	4
404-2			2. Applied and Molecular Mycology and Plant Pathology						
404-3			3. Microbiology						
404-4			4. Plant Genetics and Biotechnology						
404-5			5. Taxonomy of Angiosperms and Biosystematics						
404-6			6. Phycology						
MSBO 405-1	DE	P	1. Plant Physiology and Biochemistry	4P	4	10	40	50	4
405-2			2. Applied and Molecular Mycology and Plant Pathology						
405-3			3. Microbiology						
405-4			4. Plant Genetics and Biotechnology						
405-5			5. Taxonomy of Angiosperms and Biosystematics						
405-6			6. Phycology						
MSBO406	Project / Term paper	P	Based on DE	4P		10	40	50	4
Total Credit									24