

Swarnim Startup & Innovation University

SWARRNIM SCIENCE COLLEGE Master of Science (M.Sc.) Microbiology Masters teaching syllabus & examination pattern

Semester 1																	
Sr. No.	Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total	REMARKS
				Th	Tut	Practical	Total	Internal			External						
								Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING		
1	56030101	Molecular Biology	6	4	-	2	6	50	20	50	20	50	20	-	-	150	PASSING MARKS IS 60 FROM 150 & 40 FROM 100. BUT STUDENT S HAS TO BE PRESENT N EACH
2	56030102	Bioinstrumentation	6	4	-	2	6	50	20	50	20	50	20	-	-	150	
3	56030103	Cell Biology	6	4	-	2	6	50	20	50	20	50	20	-	-	150	
4	56030104	Phytoresource Utilization & Conservation	6	4	-	2	6	50	20	50	20	50	20	-	-	150	
6	23000007	INTRODUCTION TO ENTREPRENEUSHIP	2.5	2	1	-	3	-	-	50	20	-	-	50	20	100	
		Total	26.5	18	1	8	27	200		250		200				700	
Semester 2																	
Sr. No.	Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total	REMARKS
				Th	Tut	Practical	Total	Internal			External						
								Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING		
1	56030201	Bioprocess & Biochemical Engineering	6	4	-	2	6	50	20	50	20	50	20	-	-	150	PASSING MARKS IS 60 FROM 150 & 40 FROM 100. BUT STUDENT S HAS TO BE PRESENT N EACH
2	56030202	Microbial Genetics	6	4	-	2	6	50	20	50	20	50	20	-	-	150	
3	56030203	Fundamental of Immunology	6	4	-	2	6	50	20	50	20	50	20	-	-	150	
4	56030204	Microtechniques	6	4	-	2	6	50	20	50	20	50	20	-	-	150	
6	23000013	Preparing Wider Horizon for Entrepreneurship	2.5	2	1		3	-	-	50	20	-	-	50	20	100	
		Total	26.5	18	1	8	27	200		250		200				700	

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Master of Science (M.Sc.) Microbiology

Masters teaching syllabus & examination pattern

Semester 3																	
Sr. No.	Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total	REMARKS
				Th	Tut	Practical	Total	Internal			External						
								Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING		
1	56030301	Microbial Biotechnology	8	4	-	2	6	50	20	50	20	50	20	-	-	150	PASSING MARKS IS 60 FROM 150 & 40 FROM 100. BUT STUDENT S HAS TO BE PRESENT NEACH
2	56030302	Enzymology	8	4	-	2	6	50	20	50	20	50	20	-	-	150	
3	56030303	Food & Dairy Microbiology	8	4	-	2	6	50	20	50	20	50	20	-	-	150	
4	56030304	Minor Project/Industrial training	10	-	-	3	3	-	-	200	100	-	-	-	-	200	
5	23000014	ENTREPRENEURIAL MOTIVATION	2.5	2	1	-	2	-	-	50	20	-	-	50	20	100	
		Total	36.5	14		9	21	150		250		150				750	

Sr. No.	Semester 4			Credit	Teaching scheme per week				Examination								Total	REMARKS
	Subject Code	Subject Name	Th		Tut	Practical	Total	Internal			External							
								Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING			
1	56030401	Environmental Microbiology	8	4	-	2	6	50	20	50	20	50	20	-	-	150	PASSING MARKS IS 60 FROM 150 & 40 FROM 100. BUT STUDENT S HAS TO BE PRESENT N EACH	
2	56030402	r-DNA Technology	8	4	-	2	6	50	20	50	20	50	20	-	-	150		
3	56030403	Dissertation	12	-	-	3	3	-	-	300	150	-	-	-	-	300		
4	23000017	PROJECT FEASIBILITY & MARKETING SKILLS	2.5	2	1	-	-	-	-	50	20	-	-	50	20	100		
		Total	30.5	8		7	15	100		250		100				700		


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