

Name of the Faculty : Faculty of Allied Health Science
Name of the Course : Master of Science (Microbiology)

BATCH : 2021-22

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				Theory												Practical				Practical (Internal)				Oral							
Sr. No.	Semester/ Year	Subject Code	Nomenclature	Theory/ Practical	Core/ AECU/ SEC/ DSE/ GE	L	T	P	Credits	Max	Pass	Midterm	Assignment	Project/Seminar	Max	Pass	Demonstration/Presentation	Practical			Practical (Internal)			Oral		Overall Pass Marks	Whether to be offered under CBCS (Yes/No)	Scheme of Examinations			
																		Viva-voice	Max	Pass	Attendance	Lab Work	Continuous	Max	Pass			Max	Pass	Max	Pass
1	1st Sem	05450101	General Microbiology	Theory	Core	3	1		4	60	24	20	10	10	40	16		10	10	20	8	5	5	5	15	30	12	40	No	Theory + Internal	Practical + Internal
2	1st Sem	05450102	General Microbiology - Practical	Practical	Core				4	2								10	10	20	8	5	5	5	15	30	12	20	No	Theory + Internal	Practical + Internal
3	1st Sem	05450103	Virology	Theory	Core	4			4	60	24	20	10	10	40	16		10	10	20	8	5	5	5	15	30	12	40	No	Theory + Internal	Practical + Internal
4	1st Sem	05450104	Virology - Practical	Practical	Core				4	2								10	10	20	8	5	5	5	15	30	12	20	No	Theory + Internal	Practical + Internal
5	1st Sem	05450105	Molecular Biology	Theory	Core	4			4	60	24	20	10	10	40	16		10	10	20	8	5	5	5	15	30	12	40	No	Theory + Internal	Practical + Internal
6	1st Sem	05450106	Molecular Biology - Practical	Practical	Core				4	2								10	10	20	8	5	5	5	15	30	12	20	No	Theory + Internal	Practical + Internal
7	1st Sem	05450107	Biochemistry and Biochemical Techniques	Theory	DSE	3	1		4	60	24	20	10	10	40	16		10	10	20	8	5	5	5	15	30	12	40	No	Theory + Internal	Practical + Internal
8	1st Sem	05450108	Research Methodology and Biostatistics and Hospital Management	Theory	DSE				2									10	10	20	8	5	5	5	15	30	12	20	No	Theory + Internal	Practical + Internal
9	1st Sem	05450109	Critical Research Appraisal - Practical	Practical	DSE				2									10	10	20	8	5	5	5	15	30	12	20	No	Theory + Internal	Practical + Internal
10	2nd Sem	05450201	Microbial Genetics	Theory	Core	4			4	60	24	20	10	10	40	16		10	10	20	8	5	5	5	15	30	12	40	No	Theory + Internal	Practical + Internal
11	2nd Sem	05450202	Microbial Genetics - Practical	Practical	Core				4	2								10	10	20	8	5	5	5	15	30	12	20	No	Theory + Internal	Practical + Internal
12	2nd Sem	05450203	Recombinant DNA Technology and Biotechnology	Theory	Core	3	1		4	60	24	20	10	10	40	16		10	10	20	8	5	5	5	15	30	12	40	No	Theory + Internal	Practical + Internal
13	2nd Sem	05450204	Recombinant DNA Technology and Biotechnology - Practical	Practical	Core				4	2								10	10	20	8	5	5	5	15	30	12	20	No	Theory + Internal	Practical + Internal
14	2nd Sem	05450205	Medical Microbiology	Theory	SEC	4			4	60	24	20	10	10	40	16		10	10	20	8	5	5	5	15	30	12	40	No	Theory + Internal	Practical + Internal
15	2nd Sem	05450206	Medical Microbiology - Practical	Practical	DSE				4	2								10	10	20	8	5	5	5	15	30	12	20	No	Theory + Internal	Practical + Internal
16	2nd Sem	05450207	Food Microbiology	Theory	Core	4			4	60	24	20	10	10	40	16		10	10	20	8	5	5	5	15	30	12	40	No	Theory + Internal	Practical + Internal
17	2nd Sem	05450208	Food Microbiology - Practical	Practical	Core				4	2								10	10	20	8	5	5	5	15	30	12	20	No	Theory + Internal	Practical + Internal
18	2nd Sem	05450209	Bioethics and Safety	Theory	Core				2									10	10	20	8	5	5	5	15	30	12	40	No	Theory + Internal	Practical + Internal
19	2nd Sem	05450210	Project Development and Seminar	Practical	Core				2									10	10	20	8	5	5	5	15	30	12	20	No	Theory + Internal	Practical + Internal
20	3rd Sem	05450301	Industrial Microbiology	Theory	Core	4			4	60	24	20	10	10	40	16		10	10	20	8	5	5	5	15	30	12	40	No	Theory + Internal	Practical + Internal
21	3rd Sem	05450302	Industrial Microbiology - Practical	Practical	Core				4	2								10	10	20	8	5	5	5	15	30	12	20	No	Theory + Internal	Practical + Internal
22	3rd Sem	05450303	Immunology	Theory	Core	4			4	60	24	20	10	10	40	16		10	10	20	8	5	5	5	15	30	12	40	No	Theory + Internal	Practical + Internal
23	3rd Sem	05450304	Immunology - Practical	Practical	Core				4	2								10	10	20	8	5	5	5	15	30	12	20	No	Theory + Internal	Practical + Internal
24	3rd Sem	05450305	Introduction to Bioinformatics	Theory	Core	4			4	60	24	20	10	10	40	16		10	10	20	8	5	5	5	15	30	12	40	No	Theory + Internal	Practical + Internal
25	3rd Sem	05450306	Introduction to Bioinformatics - practical	Practical	Core				4	2								10	10	20	8	5	5	5	15	30	12	20	No	Theory + Internal	Practical + Internal
26	3rd Sem	05450307	Pharmaceutical Microbiology	Theory	DSE	4			4	60	24	20	10	10	40	16		20	20	40	16	10	10	30	60	24		40	No	Theory + Internal	Practical + Internal
27	3rd Sem	05450308	Technical Writing and Seminar - Practical	Practical	SEC				4									20	20	40	16	10	10	30	60	24		40	No	Theory + Internal	Practical + Internal
28	4th Sem	05450401	Environmental Microbiology	Theory	DSE	4			4	60	24	20	10	10	40	16		60	60	120	48	30	30	30	90	180	72	120	No	Theory + Internal	Practical + Internal
29	4th Sem	05450402	Dissertation - Practical	Practical	SEC				24	12	300	120						60	60	120	48	30	30	30	90	180	72	120	No	Theory + Internal	Practical + Internal
30	4th Sem		Pharmacogenomics & IPR	DSE	4				4	60	24	20	10	10	40	16												40	No	Theory + Internal	Practical + Internal

Registrar
SGT University
Rudhara, Gurugram