

Name of the Faculty : Faculty of Allied Health Science

Name of the Program : Bachelor of Science (Microbiology) : 2022-23 onwards

Semester/Year	Council Code (if any)	Subject Code	Nomenclature	Theory/ Practical	Core/ AECC/ SEC/ DSE/ GE	For ERP	Theory/Practical (Result Combined or Separate)	L	T	P	Credits	Contact Hours	Theory		Theory(Internal)				Practical				Practical (Internal)				Overall Pass Marks	Scheme of Examinations (Theory+Internal) OR (Practical+Internal)				
													Max	Pass	Attendance	Midterm	Assignment	Project/Seminar	Max	Pass	Demonstration/Presentation	Viva-voce	Max	Pass	Attendance	Lab Work			Midterm	Conduct/Demonstration	Max	Pass
I	--	05330101	Introduction to Microbial World	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16										40	Theory + Internal	
	--	05330102	Introduction to Microbial World - Practical	Practical	Core	Core	Separate			4	2	24									10	10	20	8	5	5	5	15	30	12	20	Practical + Internal
	--	05330103	Mycology and Phycology	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16											40	Theory + Internal
	--	05330104	Mycology and Phycology - Practical	Practical	Core	Core	Separate			4	2	24									10	10	20	8	5	5	5	15	30	12	20	Practical + Internal
	--	05330105	Chemistry	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16											40	Theory + Internal
	--	05330106	Chemistry - Practical	Practical	Core	Core	Separate			4	2	24									10	10	20	8	5	5	5	15	30	12	20	Practical + Internal
	--	05330107	Communication Skill and Personality Development	Theory	AECC	Core	Separate	4			4	48	60	24	0	20	10	10	40	16											40	Theory + Internal
			Total Credit for Semester					13	3	12	22	264																				
II	--	05330201	Bacteriology	Theory	Core	Core	Separate	4			4	48	60	24	0	20	10	10	40	16										40	Theory + Internal	
	--	05330202	Bacteriology - Practical	Practical	Core	Core	Separate			4	2	24									10	10	20	8	5	5	5	15	30	12	20	Practical + Internal
	--	05330203	Virology	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16											40	Theory + Internal
	--	05330204	Virology - Practical	Practical	Core	Core	Separate			4	2	24									10	10	20	8	5	5	5	15	30	12	20	Practical + Internal
	--	05330205	Cell Biology	Theory	Core	Core	Separate	5	1		6	72	60	24	0	20	10	10	40	16											40	Theory + Internal
	--	05330206	Environmental Science	Theory	AECC	Core	Separate	4			4	48	60	24	0	20	10	10	40	16											40	Theory + Internal
			Total Credit for Semester					16	2	8	22	264																				
III	--	05330301	Microbial Ecology	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16										40	Theory + Internal	
	--	05330302	Microbial Ecology - Practical	Practical	Core	Core	Separate			4	2	24									10	10	20	8	5	5	5	15	30	12	20	Practical + Internal
	--	05330303	Molecular Biology I	Theory	Core	Core	Separate	4			4	48	60	24	0	20	10	10	40	16											40	Theory + Internal
	--	05330304	Molecular Biology I - Practical	Practical	Core	Core	Separate			4	2	24									10	10	20	8	5	5	5	15	30	12	20	Practical + Internal
	--	05330305	Microbial Physiology and Metabolism I	Theory	Core	Core	Separate	4	2		4	48	60	24	0	20	10	10	40	16											40	Theory + Internal
	--	05330306	Fundamentals of Computer Science	Theory	AECC	Core	Separate	4			4	48	60	24	0	20	10	10	40	16											40	Theory + Internal
			Total Credit for Semester					15	3	8	20	240																				
IV	--	05330401	Plant Pathology	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16										40	Theory + Internal	
	--	05330402	Plant Pathology - Practical	Practical	Core	Core	Separate			4	2	24									10	10	20	8	5	5	5	15	30	12	20	Practical + Internal
	--	05330403	Molecular Biology II	Theory	Core	Core	Separate	4			4	48	60	24	0	20	10	10	40	16											40	Theory + Internal
	--	05330404	Molecular Biology II - Practical	Practical	Core	Core	Separate			4	2	24									10	10	20	8	5	5	5	15	30	12	20	Practical + Internal
	--	05330405	Genetics and Genomics I	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16											40	Theory + Internal
	--	05330406	Microbial Physiology and Metabolism II	Theory	AECC	Core	Separate	4	2		4	48	60	24	0	20	10	10	40	16											40	Theory + Internal
			Total Credit for Semester					37	9	20	20	240																				
V	--	05330501	Immunology	Theory	Core	Core	Separate	4			4	48	60	24	0	20	10	10	40	16										40	Theory + Internal	
	--	05330502	Immunology - Practical	Practical	Core	Core	Separate			4	2	24									10	10	20	8	5	5	5	15	30	12	20	Practical + Internal
	--	05330503	Food and Dairy Microbiology	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16											40	Theory + Internal
	--	05330504	Food and Dairy Microbiology - Practical	Practical	Core	Core	Separate			4	2	24									10	10	20	8	5	5	5	15	30	12	20	Practical + Internal
	--	05330505	Biotechnology	Theory	Core	Core	Separate	4			4	48	60	24	0	20	10	10	40	16											40	Theory + Internal
	--	05330506	Biotechnology - Practical	Practical	Core	Core	Separate			4	2	24									10	10	20	8	5	5	5	15	30	12	20	Practical + Internal
	--	05330507	Genetics and genomics - II	Theory	AECC	Core	Separate	4			4	48	60	24	0	20	10	10	40	16											40	Theory + Internal
	--	05330508	Research Methodology and Biostatistics	Theory	Core	Core	Separate	4			4	48	60	24	0	20	10	10	40	16												
			Total Credit for Semester					19	1	12	26	312																				
--	05330601	Medical Microbiology	Theory	Core	Core	Separate	4			4	48	60	24	0	20	10	10	40	16											40	Theory + Internal	

