

Name of the Faculty : Faculty of Allied Health Science

Name of the Course : Bachelor of Science (Perfusion Technology) : 2022-23 onwards

Semester	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	Professional Activities	Max	Pass	Demonstration/Presentation	Viva-voce	Max	Pass	Attendance	Project/Laboratory Work			Midterm	Conduct/Demonstration	Max	Pass		
I	--	05400101	Human Anatomy-I	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16												40	Theory+Internal	
	--	05400102	Human Anatomy-I - Practical	Practical	Core	Core	Separate			2	1	12										10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
	--	05400103	Human Physiology-I	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal
	--	05400104	Human Physiology-I - Practical	Practical	Core	Core	Separate			2	1	12										10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
	--	05400105	Basic Biochemistry	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal
	--	05400106	Basic Biochemistry- Practical	Practical	Core	Core	Separate			2	1	12										10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
	--	05400107	Communication Skills & Personality Development	Theory	Aecc	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal
	--	05400108	General Microbiology	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal
	--	05400109	General Microbiology-Practical	Practical	Core	Core	Separate			2	1	12										10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
			Total Credit for Semester					15	5	8	24	288																						
--	05400203	Applied Biochemistry	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal	
--	05400204	Applied Biochemistry- Practical	Practical	Core	Core	Separate			4	2	24										10	10	20	8	5	5	5	15	30	12	20	Practical+Internal		
--	05400207	Pharmacology-I	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal	
II	--	05400209	Human Anatomy -II	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16												40	Theory+Internal	
	--	05400210	Human Physiology-II	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16												40	Theory+Internal	
	--	05400211	Pathology	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16												40	Theory+Internal	
	--	05400212	Pathology- Practical	Practical	Core	Core	Separate			4	2	24										10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
	--	05400213	Fundamentals of Computer Science	Theory	Aecc	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal
			Total Credit for Semester					18	6	8	28	336																						
III	--	05400301	Applied Pathology	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16												40	Theory+Internal	
	--	05400302	Applied Pathology - Practical	Practical	Core	Core	Separate			4	2	24									10	10	20	8	5	5	5	15	30	12	20	Practical+Internal		
	--	05400303	Pharmacology-II	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal
	--	05400304	Introduction to Perfusion Tech..	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal
	--	05400305	Introduction to Perfusion Tech. - Practical	Practical	Core	Core	Separate			4	2	24										10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
	--	05400306	Environmental Science	Theory	Core	Aecc	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal
	--	05400308	Medical emergencies and Patient care	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal
			Total Credit for Semester					15	5	8	24	288																						
IV	--	05400403	Basics of Pumps, Oxygenators & Blood components	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	20	10	40	16												40	Theory+Internal	
	--	05400404	Basics of Pumps, Oxygenators & Blood components - Practical	Practical	Core	Core	Separate			4	2	24									10	10	20	8	5	5	5	15	30	12	40	Practical+Internal		
	--	05400405	Conducton of CPB	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal
	--	05400406	Conducton of CPB - Practical	Practical	Core	Core	Separate			4	2	24										10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
	--	05400409	Medical Disorder & Intensive Care	Theory	Core	Aecc	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal
	--	05400410	Medical Disorder & Intensive Care-Practical	Practical	Core	Core	Separate			4	2	24										10	10	20	8	5	5	5	15	30	12	20	Practical+Internal	
			Total Credit for Semester					9	3	12	18	216																						
--	05400507	Research Methodology & Biostatistics	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal	
--	05400508	Hospital Management & Medical Ethics	Theory	Core	Aecc	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal	
--	05400509	Myocardial Protection & Drugs in CPB	Theory	Core	Core	Separate	3	1		4	48	60	24	0	20	10	10	40	16													40	Theory+Internal	

