

 KAZI NAZRUL UNIVERSITY			FACULTY OF SCIENCE, TECHNOLOGY & VOCATIONAL STUDIES		3-Year UG Degree /4-Year UG Degree (Honours) / 4-Year UG Degree (Honours with Research)			WITH EFFECT FROM THE ACADEMIC SESSION: 2023-24										
Abbreviated Degree	Discipline	Degree Programme	Semester	Course Name	Course Type	Course Code	Course Details	L - T - P	Course Credit	Sem Credit	CA Marks		ESE Marks		Total Marks	Sem Marks		
											Practical	Theoretical	Practical	Theoretical				
3-year UG Degree			I	Cell Biology and Biochemistry	MAJOR	BSCPHYMJ101	MJC-1	3 - 0 - 4	5	20	30	15	20	35	100	350		
				Choose from the Pool of Minor Courses offered in 1st Semester by other Disciplines within the faculty	MINOR	See Pool	MNC-1	See Pool	5		See Pool				100			
				Choose from the Pool of Multidisciplinary Courses offered in 1st Semester across the faculties	MD	See Pool	MDC-1	2 - 1 - 0	3			15		35	50			
				English/MIL Communication	AE	See Pool	AEC-1	4 - 0 - 0	4			15		35	50			
				Human Experiment	SE	BSCPHYSE101	SEC-1	0 - 1 - 4	3		30		20		50			
			II	Cell Signalling, Enzymes and Biophysics	MAJOR	BSCPHYMJ201	MJC-2	3 - 0 - 4	5	20	30	15	20	35	100	350		
				Choose from the Pool of Minor Courses offered in 2nd Semester by other Disciplines within the faculty	MINOR	Corresponding Course Code of Minor opted in 1st Semester	MNC-2	See Pool	5		See Pool				100			
				Choose from the Pool of Multidisciplinary Courses offered in 2nd Semester across the faculties	MD	See Pool	MDC-2	2 - 1 - 0	3			15		35	50			
				Environment Studies	VA	VA201	VAC-1	4 - 0 - 0	4			15		35	50			
				Applied Work and Exercise Physiology	SE	BSCPHYSE201	SEC-2	3 - 0 - 0	3			15		35	50			
			Student exiting the programmes after securing 40 credits will be awarded UG Certificate in the relevant Discipline/Subject provided they secure following 4 credits in work based vocational courses / summer internship during 1st year															
			II	Vocational Course	Any One	VC	VC201	VCC-1	0 - 0 - 8	4	24	30		20			50	400
				Summer Internship		SI	SI201	SIC-1										
			III	Haematology and Cardiovascular System	MAJOR	BSCPHYMJ301	MJC-3	3 - 0 - 4	5	22	30	15	20	35	100	400		
				Respiration and Circulation	MAJOR	BSCPHYMJ302	MJC-4	3 - 0 - 4	5		30	15	20	35	100			
				Choose from the Pool of Minor Courses offered in 3rd Semester by other Disciplines within the faculty	MINOR	See Pool	MNC-3	See Pool	5		See Pool				100			
				Choose from the Pool of Multidisciplinary Courses offered in 3rd Semester across the faculties	MD	See Pool	MD-3	2 - 1 - 0	3			15		35	50			
				MIL /English Communication	AE	See Pool	AEC-2	4 - 0 - 0	4			15		35	50			
			Students opted English in SEM-I have to opt for any course from MIL (Bengali/Hindi/Urdu) in SEM -III and Students opted MIL (Bengali/Hindi/Urdu) in SEM -I have to opt English in SEM -III															
			IV	Muscle and Renal Physiology	MAJOR	BSCPHYMJ401	MJC-5	3 - 0 - 4	5	22	30	15	20	35	100	400		
Metabolism	MAJOR	BSCPHYMJ402		MJC-6	3 - 0 - 4	5	30	15	20		35	100						
Choose from the Pool of Minor Courses offered in 4th Semester by other Disciplines within the faculty	MINOR	See Pool		MNC-4	See Pool	5	See Pool				100							
Statistical Analysis of Physiological Parameters	SE	BSCPHYSE401		SEC-3	0 - 1 - 4	3	30		20			50						
Choose from the Pool of Value Added Course offered in 4th Semester	VA	See Pool		VAC-2	See Pool	4		15			35	50						
Student exiting the programmes after securing 84 credits will be awarded UG Diploma in the relevant Discipline/Subject provided they secure following 4 credits in work based vocational courses / summer internship during 2nd year																		
IV	Vocational Course	Any One	VC	VC401	VCD-1	0 - 0 - 8	4	26	30		20			50	450			
	Summer Internship		SI	SI401	SID-1													

BSC	Physiology	V		MAJOR	BSCPHYMJ501	MJC-7	3 - 0 - 4	5	20	30	15	20	35	100	400		
				MAJOR	BSCPHYMJ502	MJC-8	3 - 0 - 4	5		30	15	20	35	100			
				MAJOR	BSCPHYMJ503	MJC-9	3 - 0 - 4	5		30	15	20	35	100			
			Choose from the Pool of Minor Courses offered in 5th Semester by other Disciplines within the faculty	MINOR	See Pool	MNC-5	See Pool	5		See Pool				100			
		VI		MAJOR	BSCPHYMJ601	MJC-10	3 - 0 - 4	5	22	30	15	20	35	100	450		
				MAJOR	BSCPHYMJ602	MJC-11	3 - 0 - 4	5		30	15	20	35	100			
				MAJOR	BSCPHYMJ603	MJC-12	3 - 0 - 4	5		30	15	20	35	100			
				MAJOR	BSCPHYMJ603	MJC-13	3 - 0 - 4	5		30	15	20	35	100			
			Summer Internship	SI	SI601	SIMC-1	0 - 0 - 4	2		30		20		50			
		Total Credit and Marks			TOTAL CREDIT				126	TOTAL MARKS					2350		
		Students who want to undertake 3-year UG programme will be awarded UG Degree in the relevant Discipline / Subject upon securing 126 credits															
		4 - Year UG Degree (Honours)	VII		MAJOR	BSCPHYMJ701	MJC-14	3 - 0 - 4	5	25	30	15	20	35	100	500	
					MAJOR	BSCPHYMJ702	MJC-15	3 - 0 - 4	5		30	15	20	35	100		
					MAJOR	BSCPHYMJ703	MJC-16	3 - 0 - 4	5		30	15	20	35	100		
					MAJOR	BSCPHYMJ704	MJC-17	3 - 0 - 4	5		30	15	20	35	100		
				Choose from the Pool of Minor Courses offered in 7th Semester by other Disciplines within the faculty	MINOR	See Pool	MNC-6	See Pool	5		See Pool				100		
			VIII		MAJOR	BSCPHYMJ801	MJC-18	3 - 0 - 4	5	22	30	15	20	35	100	500	
					MAJOR	BSCPHYMJ802	MJC-19	2 - 0 - 4	4		30	15	20	35	100		
					MAJOR	BSCPHYMJ803	MJC-20	4 - 0 - 0	4		60	30	40	70	100		
					MAJOR	BSCPHYMJ804	MJC-21	0 - 0 - 8	4		See Pool				100		
				Choose from the Pool of Minor Courses offered in 8th Semester by other Disciplines within the faculty	MINOR	See Pool	MNC-7	See Pool	5		See Pool				100		
		Total Credit and Marks			TOTAL CREDIT				173	TOTAL MARKS					3350		
Students who want to undertake 4-year UG Honours program will be awarded UG Degree (Honours) in the relevant Discipline / Subject provided they secure 173 credits																	
4 - Year UG Degree (Honours with Research)	VII		MAJOR	BSCPHYMJ701	MJC-14	3 - 0 - 4	5	25	30	15	20	35	100	500			
			MAJOR	BSCPHYMJ702	MJC-15	3 - 0 - 4	5		30	15	20	35	100				
			MAJOR	BSCPHYMJ703	MJC-16	3 - 0 - 4	5		30	15	20	35	100				
			MAJOR	BSCPHYMJ704	MJC-17	3 - 0 - 4	5		30	15	20	35	100				
		Choose from the Pool of Minor Courses offered in 7th Semester by other Disciplines within the faculty	MINOR	See Pool	MNC-6	See Pool	5		See Pool				100				
	VIII	Research Methodology	RP	BSCPHYRP801	RPC-1	4 - 0 - 0	4	22	30	15	20	35	100	500			
		Dissertation	RP	BSCPHYRP802	RPC-2	0 - 0 - 16	8		120		80		200				
		choose from the Pool of Minor Courses offered in 8th Semester by other Disciplines within the faculty	MINOR	See Pool	MNC-7	See Pool	5		See Pool				100				
		Total Credit and Marks			TOTAL CREDIT				173	TOTAL MARKS					3350		
		Students who want to undertake 4-year UG Honours with Research program will be awarded UG Degree (Honours with Research) in the relevant Discipline / Subject provided they secure 173 credits															

Abbreviations: MAJ= Major; MJC= Major Course; MN= Minor; MNC= Minor Course; AE= Ability Enhancement; AEC= Ability Enhancement Course; SE= Skill Enhancement; SEC= Skill Enhancement Course; MD= Multidisciplinary; MDC= Multidisciplinary Course; SI= Summer

Sanskrit	III	Any One	The Vedangas and other Streams of Indian Knowledge System	MD	MDC302	MDC-3	2 - 1 - 0	3	NA	15	35	50	NA
Physics			Indian Astronomy		MDC303								
Zoology			Indian Health Sciences		MDC304								
Mathematics			Indian Mathematics		MDC305								
Education			Indian Education		MDC306								
Political Sc			Indian Polity and Economy		MDC307								
Philosophy			Methodology of Indian Knowledge System		MDC308								
Geology			Remote Sensing and GIS		MDC309								
Physical Education			Indian Medical System and Yoga		MDC310								
Urdu			Urdu Gajal		MDC311								
Commerce			Indian Economy		MDC312								
Computer Science			Impact of Artificial Intelligence in Education		MDC313								
Physiology			Community Health Care		MDC314								

Pool of Value Added Courses offered in Semester-IV for all Disciplines across all Faculties

Offered By Discipline	Semester	Course Name	Course Type	Course Code	Course Details	L - T - P	Course Credit	Sem Credit	CA Marks		ESE Marks		Total Marks	Sem Marks
									Practical	Theoretical	Practical	Theoretical		
Physiology	IV	Yoga and Health	VA	VAC401	VAC-2	4 - 0 - 0	4	NA	15	35	50	NA		
Philosophy		Social Values and Ethics		VAC402										
Computer Science		Digital and Technological Solutions		VAC403										
History		Understanding India		VAC404										
Economics		Sustainable Development: Issues and Challenges		VAC405										
Commerce		Goods and Services Tax		VAC406										
Political Science		Basics of Indian Constitution		VAC407										
Physical Education		Integrated Self Defence		VAC408		0- 2 - 4							30	20