

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				
BSC	GEOGRAPHY	3-year UG Degree	I	Fundamentals of Physical Geography	MAJOR	BSCGEOMJ101	MJC-1	4 - 1 - 0	5	20		30		70	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			
				Elementary Practicals in Physical Geography	SE	BSCGEOSE101	SEC-1	0 - 0 - 6	3		30		20		50			
			II	Fundamentals of Human Geography	MAJOR	BSCGEOMJ201	MJC-2	4 - 1 - 0	5	20		30		70	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			
				Elementary Practicals in Human Geography	SE	BSCGEOSE201	SEC-2	0 - 0 - 6	3		30		20		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	Climatology	MAJOR	BSCGEOMJ301	MJC-3	3 - 0 - 4	5	22	30	15	20	35	100	400		
				Cartography and Surveying	MAJOR	BSCGEOMJ302	MJC-4	0 - 0 - 10	5		60		40		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	MDC-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	Soil and Biogeography	MAJOR	BSCGEOMJ401	MJC-5	3 - 0 - 4	5	22	30	15	20	35	100	400		
Remote Sensing, GIS and GNSS	MAJOR	BSCGEOMJ402		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							
Computer Applications in Geography	SE	BSCGEOSE401		SEC-3	0 - 0 - 6	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													
V	Economic and Transport Geography	MAJOR	BSCGEOMJ501	MJC-7	3 - 0 - 4	5	20	30	15	20	35	100	400					
	Statistical Techniques in Geography	MAJOR	BSCGEOMJ502	MJC-8	3 - 0 - 4	5		30	15	20	35	100						
	Basic Field Training and Field Report	MAJOR	BSCGEOMJ503	MJC-9	0 - 0 - 10	5		60		40		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	Geographical Thought	MAJOR	BSCGEOMJ601	MJC-10	3 - 0 - 4	5	22	30	15	20	35	100	450
	Geography of India and West Bengal	MAJOR	BSCGEOMJ602	MJC-11	3 - 0 - 4	5		30	15	20	35	100	
	Population and Settlement Geography	MAJOR	BSCGEOMJ603	MJC-12	3 - 0 - 4	5		30	15	20	35	100	
	Advanced Remote Sensing and GIS	MAJOR	BSCGEOMJ604	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	Advanced Geomorphology, Hydrology and Oceanography	MAJOR	BSCGEOMJ701	MJC-14	3 - 0 - 4	5	25	30	15	20	35	100	500
		Urban and Regional Planning	MAJOR	BSCGEOMJ702	MJC-15	3 - 0 - 4	5		30	15	20	35	100	
		Advanced Analytical Techniques in Geography	MAJOR	BSCGEOMJ703	MJC-16	0 - 2 - 6	5		60		40		100	
		Outreach Programme in Contemporary Issues	MAJOR	BSCGEOMJ704	MJC-17	0 - 2 - 6	5		60		40		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	Environmental Geography	MAJOR	BSCGEOMJ801	MJC-18	3 - 0 - 4	5	22	30	15	20	35	100	500
		Geography of Development	MAJOR	BSCGEOMJ802	MJC-19	2 - 0 - 4	4		30	15	20	35	100	
		Agricultural Geography and Landuse Planning	MAJOR	BSCGEOMJ803	MJC-20	2 - 0 - 4	4		30	15	20	35	100	
		Social and Political Geography	MAJOR	BSCGEOMJ804	MJC-21	2 - 0 - 4	4		30	15	20	35	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	Advanced Geomorphology, Hydrology and Oceanography	MAJOR	BSCGEOMJ701	MJC-14	3 - 0 - 4	5	25	30	15	20	35	100	500
		Urban and Regional Planning	MAJOR	BSCGEOMJ702	MJC-15	3 - 0 - 4	5		30	15	20	35	100	
		Advanced Analytical Techniques in Geography	MAJOR	BSCGEOMJ703	MJC-16	0 - 2 - 6	5		60		40		100	
		Outreach Programme in Contemporary Issues	MAJOR	BSCGEOMJ704	MJC-17	0 - 2 - 6	5		60		40		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	Environmental Geography	MAJOR	BSCGEOMJ801	MJC-18	3 - 0 - 4	5	22	30	15	20	35	100	500
		Research Methodology and Ethics	RP	BSCGEORP801	RPC-1	4 - 0 - 0	4			30		70	100	
		Dissertation	RP	BSCGEORP802	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				

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: MJ= 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 Internship;SIC - Summer Internship for Certificate; SID:Summer Internship for Diploma; SIMC - Summer Internship Mandatory Course; RP= Research Project ;RPC= Research Project Course; VA= Value Added;VAC= Value Added Course; VC= Vocational Course; VCC= Vocational Course for Certificate; VCD= Vocational Course for Diploma; CA= Continuous Assessment, ESE= End Semester Examination, L= Lecture Hour; T= Tutorial Hour and P= Practical Hour/ Field Work and NA= Not Applicable

Zoology	I	Any One	Application of Bio-Science	MD	MDC106	MDC-1	2 - 1 - 0	3	NA	15	35	50	NA
English			Film Appreciation		MDC107								
Commerce			Accounting for All		MDC108								
History			Exploring Early Medieval Bengal: C.7th Century CE to 1206 CE		MDC109								
Bengali			Bangla Sahitya O Sanskriti		MDC110								
Economics			Money and Banking		MDC111								
Hindi			Patrakarita		MDC112								
Mathematics			Business Mathematics		MDC113								
Sociology			Indian Society		MDC114								
Philosophy			Yoga for Daily Life		MDC115								
Electronics			Electronic Measurements		MDC116								
Computer Science			Information and Communication Technology		MDC117								
Botany			Introduction to Local Flora		MDC118								
Computer Applications			Information and Media Literacy		MDC119								
Commerce			Microeconomics		MDC120								
Geology			A B C D of Geology		MDC121								

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		
Mathematics	II	Mathematical Science	MD	MDC201	MDC-2	2 - 1 - 0	3	NA		15	35	50	NA	
BBA		Business Environment		MDC202										
Statistics		Basic Statistics		MDC203										
History		Understanding Medieval Bengal Select Themes: 1206 CE-1727 CE		MDC204										
Commerce		Personal Finance		MDC205										
Nutrition		Nutrition and Public Health		MDC206										
Education		Educational Philosophy		MDC207										
Psychology		Stress Management		MDC208										
Computer		Social Media and Cyber Awareness		MDC209										
Bengali		Adhunik Bangla Sahitya		MDC210										
Nazrul Sangeet		Nazrul Sangeet		MDC211										
Electronics		E-Waste Management		MDC212										
Chemistry		Chemical Science		MDC213										
Sanskrit		Critical Survey of Sanskrit Language		MDC214										
Urdu		Asnaf- E -Adab		MDC215										
Hindi		Anuvad Vigyan		MDC216										
Botany		Herbal Home Remedies		MDC217										
English		Contemporary India: Women and Empowerment		MDC218										
Political Science		Women Empowerment in India: Issues and Dimensions		MDC219										
Physical Education		Yoga-Vyayama		MDC220										
Commerce		Macroeconomics		MDC221										
Geology		The Past Life on Earth		MDC222										
						0 - 1 - 4			30		20			
						2 - 1 - 0				15	35			

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		
Geography		Bharatavarsha - A Land of Rare Natural Endowments		MDC301										
Sanskrit		The Vedangas and other Streams of Indian Knowledge System		MDC302										
Physics		Indian Astronomy		MDC303										
Zoology		Indian Health Sciences		MDC304										
Mathematics		Indian Mathematics		MDC305										
Education		Indian Education		MDC306										

