К	AZI NAZRUL U	UNIVERSITY		FACULTY OF SCIENCE, TECHNOLOGY & VOCATIONAL STUDIES		egree /4-Year UC ar UG Degree (Ho Research)				WITH E	FFECT FROM 1	THE ACADEM	IC SESSION:	2023-24		
Abbrevia			<u>.</u>								CA M	arks	ESE N	Marks		
ted Degree	Discipline	Degree Programme	Semester	Course Name	Course Type	Course Code	Course Details	L - T - P	Course Credit	Sem Credit	Practical	Theoretical	Practical	Theoretical	Total Marks	Sem Marks
				Fundamentals of Physical Geography	MAJOR	BSCGEOMJ101	MJC-1	4 - 1 - 0	5			30		70	100	
				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 P	ool		100	
			I	Choose from the Pool of Multidisciplinary Courses offered in 1st Semester across the faculties	MD	See Pool	MDC-1	2 - 1 - 0	3	20		15		35	50	350
				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	
				le i di di			167.					20			100	<u> </u>
				Fundamentals of Human Geography	MAJOR	BSCGEOMJ201	MJC-2	4 - 1 - 0	5			30		70	100	
			II	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	20		See P	ool		100	350
				Choose from the Pool of Multidisciplinary Courses offered in 2nd Semester across the faculties	MD	See Pool	MDC-2	2 - 1 - 0	3	20		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 w	ill be awarded UG Certificate	in the relevant Discipline/S	ubject provided the	-	-	1		summer interns		/ear		
			II	Summer Internship Any One	SI	SI201	SIC-1	0 - 0 - 8	4	24	30		20		50	400
																T
				Climatology	MAJOR	BSCGEOMJ301	MJC-3	3 - 0 - 4	5	_	30	15	20	35	100	
				Cartography and Surveying	MAJOR	BSCGEOMJ302	MJC-4	0 - 0 - 10	3	4	60		40		100	_
		3-year UG	Ш	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	22		See P	ool		100	400
		Degree		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	1		15		35	50	=
			Cr. 1					1		NA TIT		13		33	50	
			Student	s opted English in SEM-I have to opt for any course from MIL (Bengali/Hin	ur ordu) in SEM -III and Stud	ients opted iviIL (Bengali/H	mai/Orau) in SEM	-1 nave to opt Er	ignsn in SE	IVI -111						
				Sail and Diagonamenty	MAJOR	BSCGEOMJ401	MIC 5	3 - 0 - 4	5	1	20	1.5	20	25	100	<u> </u>
				Soil and Biogeography Remote Sensing, GIS and GNSS	MAJOR MAJOR	BSCGEOMJ401 BSCGEOMJ402	MJC-5 MJC-6	3 - 0 - 4	5	1	30 30	15 15	20	35 35	100	+
			IV	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	22	30	See P		33	100	400
				Computer Applications in Geography	SE	BSCGEOSE401	SEC-3	0 - 0 - 6	3	1 -	30		20		50	
									4	1		1.5		25		1
				Choose from the Pool of Value Added Course offered in 4th Semester Student exiting the programmes after securing 84 c	VA	See Pool	VAC-2	See Pool		edite in work has	ed vocational com	15	ternship during	35	50	
				V	VC	VC401	VCD-1	1	T -	1		1000 / Sullillict III		5 Ziiu yeai		
			IV	Vocational Course Any One Summer Internship	SI	SI401	SID-1	0 - 0 - 8	4	26	30		20		50	450
BSC	GEOGRAPHY			Economic and Transport Geography	MAJOR	BSCGEOMJ501	MJC-7	3 - 0 - 4	5		30	15	20	35	100	
				Statistical Techniques in Geography	MAJOR	BSCGEOMJ502	MJC-8	3 - 0 - 4	5	20	30	15	20	35	100	٠
			V	Basic Field Training and Field Report	MAJOR	BSCGEOMJ503	MJC-9	0 - 0 - 10	5	20	60		40		100	400

		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 F	ool		1
		Geographical Thought	MAJOR	BSCGEOMJ601	MJC-10	3 - 0 - 4	5		30	15	20	35	
		Geography of India and West Bengal	MAJOR	BSCGEOMJ602	MJC-11	3 - 0 - 4	5		30	15	20	35	
	VI	Population and Settlement Geography	MAJOR	BSCGEOMJ603	MJC-12	3 - 0 - 4	5	22	30	15	20	35	
		Advanced Remote Sensing and GIS	MAJOR	BSCGEOMJ604	MJC-13	3 - 0 - 4	5		30	15	20	35	
		Summer Internship	SI	SI601	SIMC-1	0 - 0 - 4	2		30		20		
		Total Credit and Marks		TOTAL CI	REDIT			126		TO	TAL MARKS		
		Students who	want to undertake 3-year	· UG programme will be a	warded UG Degre	e in the relevant	Discipline /	Subject upon se	ecuring 126 credi	ts			
			T			T			T				_
		Advanced Geomorphology, Hydrology and Oceanography	MAJOR	BSCGEOMJ701	MJC-14	3 - 0 - 4	5		30	15	20	35	_
		Urban and Regional Planning	MAJOR	BSCGEOMJ702	MJC-15	3 - 0 - 4	5		30	15	20	35	_
	VII	Advanced Analytical Techniques in Geography	MAJOR	BSCGEOMJ703	MJC-16	0 - 2 - 6	5	25	60		40		_
		Outreach Programme in Contemporary Issues	MAJOR	BSCGEOMJ704	MJC-17	0 - 2 - 6	5		60		40		4
4 - Year UG	:	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 P	Pool		
Degree													
(Honours)		Environmental Geography	MAJOR	BSCGEOMJ801	MJC-18	3 - 0 - 4	5		30	15	20	35	
		Geography of Development	MAJOR	BSCGEOMJ802	MJC-19	2 - 0 - 4	4		30	15	20	35	
	VIII	Agricultural Geography and Landuse Planning	MAJOR	BSCGEOMJ803	MJC-20	2 - 0 - 4	4	22	30	15	20	35	
	VIII	Social and Political Geography	MAJOR	BSCGEOMJ804	MJC-21	2 - 0 - 4	4	22	30	15	20	35	
		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 F	ool		
				TOTAL C				173		то	TAL MARKS		
		Total Credit and Marks		TOTAL CI	REDIT			173					
		Total Credit and Marks Students who want to undertake	4-year UG Honours progr			in the relevant Di	iscipline / Su		they secure 173 c	redits			
			4-year UG Honours progr			in the relevant Di	iscipline / Su		they secure 173 c	redits 15	20	35	T
		Students who want to undertake	, ,	am will be awarded UGI	egree (Honours) i		•		•	_	20 20	35	Ŧ
		Students who want to undertake Advanced Geomorphology, Hydrology and Oceanography Urban and Regional Planning	MAJOR	am will be awarded UG I	Degree (Honours) i	3 - 0 - 4	5	bject provided	30	15			+
	VII	Students who want to undertake Advanced Geomorphology, Hydrology and Oceanography	MAJOR MAJOR	BSCGEOMJ701 BSCGEOMJ702	MJC-14 MJC-15	3 - 0 - 4 3 - 0 - 4	5 5		30 30	15	20		F
4 - Year UG Degree		Students who want to undertake Advanced Geomorphology, Hydrology and Oceanography Urban and Regional Planning Advanced Analytical Techniques in Geography	MAJOR MAJOR MAJOR	BSCGEOMJ701 BSCGEOMJ702 BSCGEOMJ703	MJC-14 MJC-15 MJC-16	3 - 0 - 4 3 - 0 - 4 0 - 2 - 6	5 5 5	bject provided	30 30 60	15	20 40 40		
4 - Year UG Degree (Honours wit	+	Advanced Geomorphology, Hydrology and Oceanography Urban and Regional Planning Advanced Analytical Techniques in Geography Outreach Programme in Contemporary Issues Choose from the Pool of Minor Courses offered in 7th Semester by other	MAJOR MAJOR MAJOR MAJOR	BSCGEOMJ701 BSCGEOMJ702 BSCGEOMJ703 BSCGEOMJ704	MJC-14 MJC-15 MJC-16 MJC-17	3 - 0 - 4 3 - 0 - 4 0 - 2 - 6 0 - 2 - 6	5 5 5 5	bject provided	30 30 60	15 15	20 40 40		
Degree	+	Advanced Geomorphology, Hydrology and Oceanography Urban and Regional Planning Advanced Analytical Techniques in Geography Outreach Programme in Contemporary Issues Choose from the Pool of Minor Courses offered in 7th Semester by other	MAJOR MAJOR MAJOR MAJOR	BSCGEOMJ701 BSCGEOMJ702 BSCGEOMJ703 BSCGEOMJ704	MJC-14 MJC-15 MJC-16 MJC-17	3 - 0 - 4 3 - 0 - 4 0 - 2 - 6 0 - 2 - 6	5 5 5 5	bject provided	30 30 60	15 15	20 40 40		
Degree (Honours wit	+	Advanced Geomorphology, Hydrology and Oceanography Urban and Regional Planning Advanced Analytical Techniques in Geography Outreach Programme in Contemporary Issues Choose from the Pool of Minor Courses offered in 7th Semester by other Disciplines within the faculty	MAJOR MAJOR MAJOR MAJOR MAJOR MINOR	BSCGEOMJ701 BSCGEOMJ702 BSCGEOMJ703 BSCGEOMJ704 See Pool	MJC-14 MJC-15 MJC-16 MJC-17 MNC-6	3 - 0 - 4 3 - 0 - 4 0 - 2 - 6 0 - 2 - 6 See Pool	5 5 5 5 5 5 5	bject provided	30 30 60 60	15 15 See F	20 40 40 40	35	
Degree (Honours wit	h	Advanced Geomorphology, Hydrology and Oceanography Urban and Regional Planning Advanced Analytical Techniques in Geography Outreach Programme in Contemporary Issues Choose from the Pool of Minor Courses offered in 7th Semester by other Disciplines within the faculty Environmental Geography Research Methodology and Ethics	MAJOR MAJOR MAJOR MAJOR MINOR MAJOR	BSCGEOMJ701 BSCGEOMJ702 BSCGEOMJ703 BSCGEOMJ704 See Pool BSCGEOMJ801 BSCGEORJ801	MJC-14 MJC-15 MJC-16 MJC-17 MNC-6	3 - 0 - 4 3 - 0 - 4 0 - 2 - 6 0 - 2 - 6 See Pool	5 5 5 5 5 5 5	bject provided	30 30 60 60	15 15 See F	20 40 40 40	35	
Degree (Honours wit	h	Advanced Geomorphology, Hydrology and Oceanography Urban and Regional Planning Advanced Analytical Techniques in Geography Outreach Programme in Contemporary Issues Choose from the Pool of Minor Courses offered in 7th Semester by other Disciplines within the faculty Environmental Geography	MAJOR MAJOR MAJOR MAJOR MAJOR MINOR MAJOR RP	BSCGEOMJ701 BSCGEOMJ702 BSCGEOMJ703 BSCGEOMJ704 See Pool	MJC-14 MJC-15 MJC-16 MJC-17 MNC-6	3 - 0 - 4 3 - 0 - 4 0 - 2 - 6 0 - 2 - 6 See Pool	5 5 5 5 5	bject provided	30 30 60 60 60	15 15 See F	20 40 40 40 'ool	35	

Abbreviations: MJ= Major;MJC= Major Course;MN= Minor;MNC= Minor Course; AE= Ability Enhancement; AEC= Ability Enhancement Course; SE= Skill Enhancement Course; MD= Multidisciplinary; MDC= Multidisciplinary Course; SI - 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; VAC= Value Added 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

Note: Minor Courses (MNC): Students of a particular UG Course will choose from the Pool of Minor Courses offered by discipline opted by the student within the faculty. The student is required to opt the same Minor Discipline in the 2nd semester which he had opted in 1st semester.
Explanation: If a student of GEOGRAPHY Major, opts for a Minor Course offered by Chemistry in 1st semester then that student is required to continue with the Minor Course offered by Chemistry for 2nd semester as Minor Course in the 2nd semester.

ш						
ш	Samactarwica Pa	ol of Mine	or Courses offered	LEW CECKED A PHV	for other Discipl	ines within the Faculty

Disciplin	Semester	Course Name	C T	Course Code	Course Details	L - T - P	Course Credit	Sem	CA	Marks	ESE	Marks	Total Marks	Sem Marks
e	Semester	Course Name	Course Type	Course Code	Course Details	L-1-P	Course Credit	Credit	Practical	Theoretical	Practical	Theoretical	Total Marks	Sem Marks
	I	Fundamentals of Physical Geography		BSCGEOMN101	MNC-1	4 - 1 - 0	5			30		70	100	
	II	Fundamentals of Human Geography		BSCGEOMN201	MNC-2	4 - 1 - 0	5			30		70	100	
¥	III	Climate Change: Vulnerability and Adaptations		BSCGEOMN301	MNC-3	4 - 1 - 0	5			30		70	100	
₩	IV	Geospatial Science and Technology	MINOR	BSCGEOMN401	MNC-4	4 - 1 - 0	5	NA		30		70	100	NA
00	V	Sustainable Resource Development	MINOK	BSCGEOMN501	MNC-5	4 - 1 - 0	5	NA		30		70	100	IVA
e e	VI	NA			NA									
	VII	Geotourism		BSCGEOMN701	MNC-6	4 - 1 - 0	5			30		70	100	
	VIII	Rural Development		BSCGEOMN801	MNC-7	4 - 1 - 0	5			30		70	100	

2	semester wise Pool o	of Multidisc	iplinary Courses offered by GEOGRAP	HY for other Disciplines	across the Faculties										
	Discipline	Semester	Course Name	Course Type	Course Code	Course Details	т т р	Course Credit	Sem	CA	Marks	ESE	Marks	Total Marks	Sem Marks
	Discipline	Semester	Course Name	Course Type	Course Code	Course Details	L-1-1	Course Credit	Credit	Practical	Theoretical	Practical	Theoretical	Total Marks	Sem Marks
	GEOGRAPHY	I	Disaster Management		MDC104	MDC-1	2 - 1 - 0	3	NA		15		35	50	
	GEOGRAFIII	III	Bharatavarsha - A Land of Rare Natural Endowments		MDC301	MDC-3	2 - 1 - 0	3	NA		15		35	50	

Pool of Communication Courses offered as Ability Enhancement Courses in Semester-I

	Discipline	Semester		Course Name	Course Type	Course Code	Course Details	L - T - P	Course Credit	Sem	CA	Marks	ESE	Marks	Total Marks	Sem Marks
										Credit	Practical	Theoretical	Practical	Theoretical		
				English Communication		AECE101										
	English/MII		ne	Bengali Communication		AECB101										
	English/MIL Communication	I	Š	Hindi Communication	AE	AECH101	AEC-1	4 - 0 - 0	4	NA		15		35	50	NA
`	ommunication		Αn	Urdu Communication		AECU101										
				Alternative English		AECAE101										

Pool of Communication Courses offered as Ability Enhancement Courses in Semester-III

Discipline	Semester		Course Name	Course Type	Course Code	Course Details	L - T - P	Course Credit	Sem	CA	Marks	ESE	Marks	Total Marks	Sem Marks
									Credit	Practical	Theoretical	Practical	Theoretical		
			English Communication		AECE301										
MII / Facilials		ne	Bengali Communication		AECB301										
MIL / English Communication	III	> C	Hindi Communication	AE	AECH301	AEC-2	4 - 0 - 0	4	NA		15		35	50	NA
Communication		An	Urdu Communication		AECU301										
			Alternative English		AECAE301										

Students who opted English in SEM-I have to opt for any course from MIL (Bengali/Hindi/Urdu/Alternative English) in SEM -III and Students who opted MIL (Bengali/Hindi/Urdu/Alternative English) in SEM -III

Semester wise Pool of Multidisciplinary Courses offered for all Disciplines across the Faculties

Offered By Discipline	Semester	Course Name	Course Tyme	Course Code	Course Details	L - T - P	Course Credit	Sem	CA	Marks	ESE	Marks	Total Marks	Sem Marks
Offered by Discipline	Semester	Course Name	Course Type	Course Code	Course Details	L-1-F	Course Creuit	Credit	Practical	Theoretical	Practical	Theoretical	Total Marks	Sem Marks
Physics		Physical Science		MDC101										
BBA		E-Commerce		MDC102										
Political Science		Human Rights		MDC103										i
Geography		Disaster Management		MDC104										i
Physical Education		Fitness and Wellness		MDC105										i

Zoology		ı	Application of Bio-Science		MDC106	7	I	1 1		I	I	ĺ	Ī	I I	
English			Film Appreciation		MDC107										
Commerce					MDC108	+									
Commerce			Accounting for All		MDC108	1									
History			Exploring Early Medieval Bengal: C.7th Century CE to 1206 CE		MDC109										
Bengali		One	Bangla Sahitya O Sanskriti		MDC110	-									
Economics	I	Any (Money and Banking	MD	MDC111	MDC-1	2 - 1 - 0	3	NA		15		35	50	NA
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	1									
Geology			A B C D of Geology		MDC121										
			<u>, </u>												
Offered By Discipline	Semester		Course Name	Course Type	Course Code	Course Details	L - T - P	Course Credit	Sem		Marks		Marks	Total Marks	Sem Marks
Mathematics			Mathematical Science		MDC201				Credit	Practical	Theoretical	Practical	Theoretical		
BBA			Business Environment		MDC201	-									
Statistics			Basic Statistics		MDC203	1									
History			Understanding Medieval Bengal Select												
History			Themes: 1206 CE-1727 CE		MDC204										
Commerce			Personal Finance		MDC205		2 -1 - 0				15		35		
Nutrition			Nutrition and Public Health		MDC206										
Education Psychology			Educational Philosophy Stress Management		MDC207 MDC208	-									
Computer			Social Media and Cyber Awareness		MDC208 MDC209	+									
Bengali			Adhunik Bangla Sahitya		MDC210	1									
Nazrul Sangeet		One	Nazrul Sangeet		MDC211	1	0-1-4	1		30		20		†	
Electronics	П	y O	E-Waste Management	MD	MDC212	MDC-2		3	NA					50	NA
Chemistry		Any	Chemical Science		MDC213										
Sanskrit			Critical Survey of Sanskrit Language		MDC214	_									
Urdu Hindi			Asnaf- E -Adab		MDC215 MDC216										
Botany			Anuvad Vigyan Herbal Home Remedies		MDC216 MDC217	-									
-			Contemporary India: Women and			1	2 -1 - 0				15		35		
English			Empowerment		MDC218										
Political Science			Women Empowerment in India: Issues and		MDC219										
			Dimensions			1									
Physical Education			Yoga-Vyayama		MDC220	-									
Commerce Geology			Macroeconomics The Past Life on Earth		MDC221 MDC222	-									
Geology		<u> </u>	The Past Life on Earth		MDC222					<u> </u>					
0.00 1.0 01.1.11			G . V	. m					Sem	CA	Marks	ESE	Marks		
Offered By Discipline	Semester		Course Name	Course Type	Course Code	Course Details	L - T - P	Course Credit	Credit	Practical	Theoretical	Practical	Theoretical	Total Marks	Sem Marks
Geography			Bharatavarsha - A Land of Rare Natural Endowments		MDC301										
Sanskrit			The Vedangas and other Streams of Indian Knowledge System		MDC302										
						_	i .	1		1	1	1			
Physics			Indian Astronomy		MDC303										
Physics Zoology			Indian Health Sciences		MDC304										
Physics															

Political Sc		ĺ	Indian Polity and Economy		MDC307								
Philosophy	III	y One	Methodology of Indian Knowledge System	MD	MDC308	MDC-3	2 - 1 - 0	3	NA	15	35	50	NA
Geology		An	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								

Offered By Discipline	Semester		Course Name	Course Type	Course Code	Course Details	L - T - P	Course Credit	Sem	CA Marks		ESE Marks		Total Marks	Som Morks
Offered by Discipline	Semester		Course Name	Course Type	Course Coue	Course Details	L-1-1	Course Credit	Credit	Practical	Theoretical	Practical	Theoretical	Total Marks	Selli Mai Ks
Physiology			Yoga and Health		VAC401										
Philosophy			Social Values and Ethics		VAC402										
Computer Science			Digital and Technological Solutions		VAC403										
History	IV	Any One	Understanding India	VA	VAC404	VAC-2	4 - 0 - 0	4	NA		15		35	50	NA
Economics	IV		Sustainable Development: Issues and Challenges	VA	VAC405	VAC-2		4	INA					30	NA
Commerce			Goods and Services Tax		VAC406										
Political Science			Basics of Indian Constitution		VAC407										
Physical Education			Integrated Self Defence		VAC408]	0-2-4			30		20			