

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	Abbreviated 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	Environmental Science	I	Environment and Ecology	MAJOR	BSCENVMJ101	MJC-1	4 - 1 - 0	5	20		30		70	100	350	
			Choose from the Pool of Minor Courses offered in 1st Semester by the 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	3 - 0 - 0	3			15		35	50		
			English/MIL Communication	AE	See Pool	AEC-1	4 - 0 - 0	4			15		35	50		
			Environmental Monitoring Techniques	SE	BSCENVSE101	SEC-1	2 - 1 - 0	3			15		35	50		
		II	Biological Environment	MAJOR	BSCENVMJ201	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 the 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	3 - 0 - 0	3			15		35	50		
			Environment Studies	VA	VA201	VAC-1	4 - 0 - 0	4			15		35	50		
			Human Health, Conservation and Ecotourism	SE	BSCENVSE201	SEC-2	2 - 1 - 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 Courses Summer Internship	Any One	VC SI	VC201 SI201	VCC-1 SIC-1	0 - 0 - 8	4	24	30		20		50	400
		III	Physical Environment	MAJOR	BSCENVMJ301	MJC-3	3 - 0 - 4	5	22	30	15	20	35	100	400	
			Environmental Chemistry	MAJOR	BSCENVMJ302	MJC-4	3 - 0 - 4	5		30	15	20	35	100		
			Choose from the Pool of Minor Courses offered in 3rd Semester by the 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	Natural Resources and Sustainable Development	MAJOR	BSCENVMJ401	MJC-5	3 - 0 - 4	5	22	30	15	20	35	100	400	
			Biodiversity and Conservation	MAJOR	BSCENVMJ402	MJC-6	3 - 0 - 4	5		30	15	20	35	100		
Choose from the Pool of Minor Courses offered in 4th Semester by the other Disciplines within the faculty	MINOR		See Pool	MNC-4	See Pool	5	See Pool			100						
Wildlife Ecology and Tourism	SE		BSCENVSE401	SEC-3	2 - 1 - 0	3		15			35	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 Courses Summer Internship	Any One	VC SI	VC401 SI401	VCD-1 SID-1	0 - 0 - 8	4	26	30		20		50	450		
V	RS and GIS and Environmental Modelling	MAJOR	BSCENVMJ501	MJC-7	3 - 0 - 4	5	20	30	15	20	35	100	400			
	Water Resources	MAJOR	BSCENVMJ502	MJC-8	3 - 0 - 4	5		30	15	20	35	100				
	Environment and Society	MAJOR	BSCENVMJ503	MJC-9	3 - 0 - 4	5		30	15	20	35	100				

		Choose from the Pool of Minor Courses offered in 5th Semester by the other Disciplines within the faculty	MINOR	See Pool	MNC-5	See Pool	5		See Pool	100				
	VI	Basics of Environmental Statistics and Computer Application	MAJOR	BSCENVMJ601	MJC-10	3 - 0 - 4	5	22	30	15	20	35	100	450
		Solid Waste Management	MAJOR	BSCENVMJ602	MJC-11	3 - 0 - 4	5		30	15	20	35	100	
		Environmental Pollution and Human Health	MAJOR	BSCENVMJ603	MJC-12	3 - 0 - 4	5		30	15	20	35	100	
		Environmental Impact Assessment & Laws	MAJOR	BSCENVMJ604	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														
	VII	Green Chemistry and Environmental Applications	MAJOR	BSCENVMJ701	MJC-14	3 - 0 - 4	5	25	30	15	20	35	100	500
		Environmental Economics and Management	MAJOR	BSCENVMJ702	MJC-15	3 - 0 - 4	5		30	15	20	35	100	
		Natural Hazards and Disaster Management and Waste Management	MAJOR	BSCENVMJ703	MJC-16	3 - 0 - 4	5		30	15	20	35	100	
		Ecotoxicology and Environmental Biotechnology	MAJOR	BSCENVMJ704	MJC-17	3 - 0 - 4	5		30	15	20	35	100	
		Choose from the Pool of Minor Courses offered in 7th Semester by the other Disciplines within the faculty	MINOR	See Pool	MNC-6	See Pool	5		See Pool				100	
4 YEARS DEGREE WITH HONOURS	VIII	Wildlife Conservation and Management	MAJOR	BSCENVMJ801	MJC-18	3 - 0 - 4	5	22	30	15	20	35	100	500
		Energy and Environment	MAJOR	BSCENVMJ802	MJC-19	2 - 0 - 4	4		30	15	20	35	100	
		Industrial Health and Safety	MAJOR	BSCENVMJ803	MJC-20	2 - 0 - 4	4		30	15	20	35	100	
		Analytical Methods in Environmental Science	MAJOR	BSCENVMJ804	MJC-21	2 - 0 - 4	4		30	15	20	35	100	
		Choose from the Pool of Minor Courses offered in 8th Semester by the 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														
	VII	Green Chemistry and Environmental Applications	MAJOR	BSCENVMJ701	MJC-14	3 - 0 - 4	5	25	30	15	20	35	100	500
		Environmental Economics and Management	MAJOR	BSCENVMJ702	MJC-15	3 - 0 - 4	5		30	15	20	35	100	
		Natural Hazards and Disaster Management and Waste Management	MAJOR	BSCENVMJ703	MJC-16	3 - 0 - 4	5		30	15	20	35	100	
		Ecotoxicology and Environmental Biotechnology	MAJOR	BSCENVMJ704	MJC-17	3 - 0 - 4	5		30	15	20	35	100	
		Choose from the Pool of Minor Courses offered in 7th Semester by the other Disciplines within the faculty	MINOR	See Pool	MNC-6	See Pool	5		See Pool				100	
4 YEARS DEGREE WITH HONOURS WITH RESEARCH	VIII	Tools and Techniques in Environmental Science	MAJOR	BSCENVMJ801	MJC-18	3 - 0 - 4	5	22	30	15	20	35	100	500
		Research Methodology and Ethics	RP	BSCENVRP801	RP-1	4 - 0 - 0	4			30		70	100	
		Dissertation	RP	BSCENVRP802	RP-2	0 - 0 - 16	8		120		80		200	
		Choose from the Pool of Minor Courses offered in 8th Semester by the 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: 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; 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														

Mathematics	III	Any One	Indian Mathematics	MD	MDC305	MDC-3	2 - 1 - 0	3	NA	15	35	50	NA
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	Any One	Yoga and Health	VA	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			