

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	Botany	3-year UG Degree	I	Plant Groups and Microbial World	MAJOR	BSCBOTMJ101	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				
				Mushroom Technology	SE	BSCBOTSE101	SEC-1	3 - 0 - 0	3			15		35	50				
			II	Cryptogamic Botany & Palaeobotany	MAJOR	BSCBOTMJ201	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				
				Biofertilizer	SE	BSCBOTSE201	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 Summer Internship	Any One	VC SI	VC201 SI201	VCC-1 SIC-1	0 - 0 - 8	4	24	30		20		50	400		
			III	Gymnosperms, Mycology and Plant Pathology-I	MAJOR	BSCBOTMJ301	MJC-3	3 - 0 - 4	5	22	30	15	20	35	100	400			
				Gymnosperms, Mycology and Plant Pathology-II	MAJOR	BSCBOTMJ302	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				
				English Communication	AE	See Pool	AEC-2	4 - 0 - 0	4			15		35	50				
			IV	Structural Botany, Economic Botany and Pharmacognosy -I	MAJOR	BSCBOTMJ401	MJC-5	3 - 0 - 4	5	22	30	15	20	35	100	400			
				Structural Botany, Economic Botany and Pharmacognosy-II	MAJOR	BSCBOTMJ402	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				
Horticulture, Nusery and Gardening	SE	BSCBOTSE401		SEC-3	3 - 0 - 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 Course Summer Internship	Any One	VC SI	VC401 SI401	VCD-1 SID-1	0 - 0 - 8	4	26	30		20		50	450					
V	Genetics, Plant Breeding, Biostatistics and Cell Biology -I	MAJOR	BSCBOTMJ501	MJC-7	3 - 0 - 4	5	20	30	15	20	35	100	400						
	Genetics, Plant Breeding, Biostatistics and Cell Biology-II	MAJOR	BSCBOTMJ502	MJC-8	3 - 0 - 4	5		30	15	20	35	100							
	Molecular Biology and Plant Biotechnology	MAJOR	BSCBOTMJ503	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	Plant Physiology and Biochemistry, Plant Ecology and Phytogeography-I	MAJOR	BSCBOTMJ601	MJC-10	3 - 0 - 4	5	22	30	15	20	35	100	450
	Plant Physiology and Biochemistry, Plant Ecology and Phytogeography-II	MAJOR	BSCBOTMJ602	MJC-11	3 - 0 - 4	5		30	15	20	35	100	
	Plant Systematics and Reproductive Biology	MAJOR	BSCBOTMJ603	MJC-12	3 - 0 - 4	5		30	15	20	35	100	
	Horticulture and Post Harvesting Technology	MAJOR	BSCBOTMJ604	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	Evolutionary and Advanced Aspects of Plant Groups	MAJOR	BSCBOTMJ701	MJC-14	3 - 0 - 4	5	25	30	15	20	35	100	500
		Research Methodology & Ethics	MAJOR	BSCBOTMJ702	MJC-15	3 - 0 - 4	5		30	15	20	35	100	
		Current Trends in Plant Science -I	MAJOR	BSCBOTMJ703	MJC-16	3 - 0 - 4	5		30	15	20	35	100	
		Current Trends in Plant Science -II	MAJOR	BSCBOTMJ704	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	Bioinformatics & Instrumentation Biology	MAJOR	BSCBOTMJ801	MJC-18	3 - 0 - 4	5	22	30	15	20	35	100	500
		Forestry and Plant Resource Management-I	MAJOR	BSCBOTMJ802	MJC-19	2 - 0 - 4	4		30	15	20	35	100	
		Forestry and Plant Resource Management -II	MAJOR	BSCBOTMJ803	MJC-20	2 - 0 - 4	4		30	15	20	35	100	
		Applied Botany	MAJOR	BSCBOTMJ804	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	Evolutionary and Advanced Aspects of Plant Groups	MAJOR	BSCBOTMJ701	MJC-14	3 - 0 - 4	5	25	30	15	20	35	100	500
		Research Methodology & Ethics	MAJOR	BSCBOTMJ702	MJC-15	3 - 0 - 4	5		30	15	20	35	100	
		Current Trends in Plant Science -I	MAJOR	BSCBOTMJ703	MJC-16	3 - 0 - 4	5		30	15	20	35	100	
		Current Trends in Plant Science -II	MAJOR	BSCBOTMJ704	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	Bioinformatics & Instrumentation Biology	MAJOR	BSCBOTMJ801	MJC-18	3 - 0 - 4	5	22	30	15	20	35	100	500
		Research Methodology and Ethics	RP	BSCBOTRP801	RPC-1	4 - 0 - 0	4			30		70	100	
		Research Project / Dissertation	RP	BSCBOTRP802	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: 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

Note: Minor Courses (MNC) : Students of a particular UG Course will choose from the Pool of Minor Courses offered by disciplines other than the major 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 Physics 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.

Semesterwise Pool of Minor Courses offered by Botany for other Disciplines within the Faculty

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		
	I	Plant Groups and Microbial World		BSCBOTMN101	MNC-1	3 - 0 - 4	5		30	15	20	35	100	
	II	Cryptogamic Botany & Palaeobotany		BSCBOTMN201	MNC-2	3 - 0 - 4	5		30	15	20	35	100	

English	I	Any One	Film Appreciation	MD	MDC107	MDC-1	2 - 1 - 0	3	NA	15	35	50	NA
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			Personal Finance		MDC120								
Mathematics	II	Any One	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								
Geography	III	Any One	Bharatavarsha—A Land of Rare Natural Endowments	MD	MDC301	MDC-3	2 - 1 - 0	3	NA	15	35	50	NA
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								
Political Sc			Indian Polity and Economy		MDC307								
Philosophy			Methodology of Indian Knowledge System		MDC308								