

KAZI NAZRUL UNIVERSITY			FACULTY OF SCIENCE			DEGREE PROGRAMME: B.Sc. HONOURS IN CHEMISTRY			WITH EFFECT FROM THE ACADEMIC SESSION: 2020-21									
Abbreviated Degree	Discipline	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				
BSCH	CHEMISTRY	BSHCCEM	I	Inorganic Chemistry - I	C	BSHCCEMC101	CC-1	5 - 1 - 0	6	22		10		40	50	150 + Marks of GEC		
				Organic Chemistry - I		BSHCCEMC102	CC-2	5 - 1 - 0	6			10		40	50			
				Choose from the Pool of Generic Elective Courses offered in 1st Semester by Honours Disciplines other than the Discipline in which Honours course is taken				GE	See Pool		GEC-1	See Pool	6	See Pool				
				Environment Studies	AE	AEE101	AECC-1	4 - 0 - 0	4			10		40	50			
			II	Physical Chemistry - I	C	BSHCCEMC201	CC-3	4 - 0 - 4	6	22	30	10	20	40	100	250 + Marks of GEC		
				Organic Chemistry - II		BSHCCEMC202	CC-4	4 - 0 - 4	6		30	10	20	40	100			
				Choose from the Pool of Generic Elective Courses offered in 2nd Semester by Honours Disciplines other than the Discipline in which Honours course is taken				GE	See Pool		GEC-2	See Pool	6	See Pool				
				English/MIL Communication	AE	See Pool	AECC-2	4 - 0 - 0	4			10		40	50			
			III	Inorganic Chemistry - II	C	BSHCCEMC301	CC-5	4 - 0 - 4	6	28	30	10	20	40	100	350 + Marks of GEC		
				Organic Chemistry - III		BSHCCEMC302	CC-6	4 - 0 - 4	6		30	10	20	40	100			
				Physical Chemistry - II		BSHCCEMC303	CC-7	4 - 0 - 4	6		30	10	20	40	100			
				Choose from the Pool of Generic Elective Courses offered in 3rd Semester by Honours Disciplines other than the Discipline in which Honours course is taken				GE	See Pool		GEC-3	See Pool	6	See Pool				
				Industrial Chemistry	(Any One)	SE	BSHCCEMSE301	SEC-1	4 - 0 - 0		4		10		40		50	
				Pharmaceutical Chemistry		BSHCCEMSE302	SEC-1	4 - 0 - 0	4			10		40	50			
			IV	Inorganic Chemistry - III	C	BSHCCEMC401	CC-8	4 - 0 - 4	6	28	30	10	20	40	100	350 + Marks of GEC		
				Organic Chemistry - IV		BSHCCEMC402	CC-9	4 - 0 - 4	6		30	10	20	40	100			
				Physical Chemistry - III		BSHCCEMC403	CC-10	4 - 0 - 4	6		30	10	20	40	100			
				Choose from the Pool of Generic Elective Courses offered in 4th Semester by Honours Disciplines other than the Discipline in which Honours course is taken				GE	See Pool		GEC-4	See Pool	6	See Pool				
				Chemistry of Cosmetics & Perfumes	(Any One)	SE	BSHCCEMSE401	SEC-2	4 - 0 - 0		4		10		40		50	
				Fuel Chemistry		BSHCCEMSE402	SEC-2	4 - 0 - 0	4			10		40	50			
			V	Organic Chemistry - V	C	BSHCCEMC501	CC-11	4 - 0 - 4	6	24	30	10	20	40	100	300		
				Inorganic Chemistry - IV		BSHCCEMC502	CC-12	4 - 0 - 4	6		30	10	20	40	100			
				Green Chemistry	(Any Two)	DSE	BSHCCEMDSE501	DSEC-1 & DSEC-2	5 - 1 - 0		6 X 2		10		40		50 X 2	
				Environmental Chemistry		BSHCCEMDSE502	5 - 1 - 0					10	40					
Solid State Chemistry	BSHCCEMDSE503	5 - 1 - 0				10	40											
VI	Inorganic Chemistry - V	C	BSHCCEMC601	CC-13	4 - 0 - 4	6	24	30	10	20	40	100	300					
	Physical Chemistry - IV		BSHCCEMC602	CC-14	4 - 0 - 4	6		30	10	20	40	100						
	Chemistry of Nanomaterials	(Any Two)	DSE	BSHCCEMDSE601	DSEC-3 & DSEC-4	5 - 1 - 0		6 X 2		10		40		50 X 2				
	Dynamic Stereochemistry		BSHCCEMDSE602	5 - 1 - 0					10	40								
	Quantum Chemistry & Spectroscopy		BSHCCEMDSE603	5 - 1 - 0					10	40								
Total Credit and Marks									148	1700 + Marks of GEC								
Abbreviations: C= Core; CC=Core Course; AE= Ability Enhancement; AECC= Ability Enhancement Compulsary Course; GE= Generic Elective; GEC= Generic Elective Course; SE= Skill Enhancement; SEC= Skill Enhancement Course; DSE= Discipline Specific Elective; DSEC= Discipline Specific Elective Course; CA= Continuous Assessment, ESE= End Semester Examination, L= Lecture Hour; T= Tutorial Hour and P= Practical Hour/ Field Work and NA= Not Applicable																		

Generic Elective Courses (GEC) : Students of a particular Honours Course will choose from the Pool of Generic Elective Courses offered by Disciplines other than the Discipline in which Honours course is taken

Semesterwise Pool of Generic Elective Courses offered by this Discipline

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		
CHEMISTRY	I	Basics in Organic and Inorganic Chemistry	GE	BSCHCEMGE101	GEC-1	5 - 1 - 0	6	NA		10		40	50	NA
	II	Elementary Physical Chemistry & Organic Chemistry		BSCHCEMGE201	GEC-2	4 - 0 - 4	6		30	10	20	40	100	
	III	Physical Chemistry & Inorganic Chemistry		BSCHCEMGE301	GEC-3	4 - 0 - 4	6		30	10	20	40	100	
	IV	Inorganic Chemistry & Organic Chemistry		BSCHCEMGE401	GEC-4	4 - 0 - 4	6		30	10	20	40	100	

Pool of Communication Courses offered as Ability Enhancement Compulsory Courses

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		
English/MIL Communication	II	English Communication	(Any One)	AECC201	AECC-2	4 - 0 - 0	4	NA		10		40	50	NA
		Bengali Communication		AECCB201		4 - 0 - 0				10		40		
		Hindi Communication		AECCH201		4 - 0 - 0				10		40		
		Urdu Communication		AECU201		4 - 0 - 0				10		40		