

KAZI NAZRUL UNIVERSITY				FACULTY OF SCIENCE			DEGREE PROGRAMME: B.Sc. HONOURS IN CHEMISTRY			WITH EFFECT FROM THE ACADEMIC SESSION: 2022-23								
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	BSCHEMC101	CC-1	5 - 1 - 0	6	22					50	150 + Marks of GEC		
				Organic Chemistry - I		BSCHEMC102	CC-2	5 - 1 - 0	6									
				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			15		35	50			
			II	Physical Chemistry - I	C	BSCHEMC201	CC-3	4 - 0 - 4	6	22	30	15	20	35	100	250 + Marks of GEC		
				Organic Chemistry - II		BSCHEMC202	CC-4	4 - 0 - 4	6									
				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			15		35	50			
			III	Inorganic Chemistry - II	C	BSCHEMC301	CC-5	4 - 0 - 4	6	28	30	15	20	35	100	350 + Marks of GEC		
				Organic Chemistry - III		BSCHEMC302	CC-6	4 - 0 - 4	6									
				Physical Chemistry - II		BSCHEMC303	CC-7	4 - 0 - 4	6									
				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	BSCHEMSE301	SEC-1	4 - 0 - 0		4		15		35		50	
				Pharmaceutical Chemistry		BSCHEMSE302	4 - 0 - 0											
			IV	Inorganic Chemistry - III	C	BSCHEMC401	CC-8	4 - 0 - 4	6	28	30	15	20	35	100	350 + Marks of GEC		
				Organic Chemistry - IV		BSCHEMC402	CC-9	4 - 0 - 4	6									
				Physical Chemistry - III		BSCHEMC403	CC-10	4 - 0 - 4	6									
				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				
				Mathematics and Statistics for Chemists	(Any One)	SE	BSCHEMSE401	SEC-2	4 - 0 - 0		4		15		35		50	
				Fuel Chemistry		BSCHEMSE402	4 - 0 - 0											
			V	Organic Chemistry - V	C	BSCHEMC501	CC-11	4 - 0 - 4	6	24	30	15	20	35	100	300		
				Inorganic Chemistry - IV		BSCHEMC502	CC-12	4 - 0 - 4	6									
				Green Chemistry	(Any Two)	DSE	BSCHEMDSE501	DSEC-1 & DSEC-2	5 - 1 - 0		6 X 2		15		35		50 X 2	
				Environmental Chemistry		BSCHEMDSE502	5 - 1 - 0											
Solid State Chemistry	BSCHEMDSE503	5 - 1 - 0																
VI	Inorganic Chemistry - V	C	BSCHEMC601	CC-13	4 - 0 - 4	6	24	30	15	20	35	100	300					
	Physical Chemistry - IV		BSCHEMC602	CC-14	4 - 0 - 4	6												
	Chemistry of Nanomaterials	(Any Two)	DSE	BSCHEMDSE601	DSEC-3 & DSEC-4	5 - 1 - 0		6 X 2		15		35		50 X 2				
	Dynamic Stereochemistry		BSCHEMDSE602	5 - 1 - 0														
	Quantum Chemistry & Spectroscopy		BSCHEMDSE603	5 - 1 - 0														
<b>Total Credit and Marks</b>										<b>148</b>	<b>1700 + Marks of GEC</b>							

Abbreviations: C= Core; CC=Core Course; AE= Ability Enhancement; AECC= Ability Enhancement Compulsory 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	BSCHEMGE101	GEC-1	5 - 1 - 0	6	NA				50	NA	
	II	Elementary Physical Chemistry & Organic Chemistry		BSCHEMGE201	GEC-2	4 - 0 - 4	6							
	III	Physical Chemistry & Inorganic Chemistry		BSCHEMGE301	GEC-3	4 - 0 - 4	6							
	IV	Inorganic Chemistry & Organic Chemistry		BSCHEMGE401	GEC-4	4 - 0 - 4	6							

Pool of Communication Courses offered as Ability Enhancement Compulsary 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)	AE	AECCE201	AECC-2	4 - 0 - 0	4	NA		15		35	50	NA
		Bengali Communication			AECCE201		4 - 0 - 0				15		35		
		Hindi Communication			AECCH201		4 - 0 - 0				15		35		
		Urdu Communication			AECCE201		4 - 0 - 0				15		35		