KAZI NAZRUL UNIVERSITY				FACULTY OF SCIENCE		DEGREE PROGRAMN PROGRAM IN CHEM	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		Marks Theoretical		Marks Theoretical	Total Marks	Sem Marks		
				Basics in Organic & Inorganic Chemistry	-JF-	BSCPCEMC101	CC-1(1)	5 - 1 - 0	6	010010		10		40	50			
			I	Discipline 2: CC-1(1) of Other Discipline	С	See Pool	CC-2(1)	See Pool	6	- 22		See Pool			Marks of Disc.2 &	100 + Marks of Disc.2		
				Discipline 3: CC-1(1) of Other Discipline			CC-3(1)	500 1 001	6			500	1 001		Disc.3	& Disc.3		
				Environment Studies	AE	AEE101	AECC-1	4 - 0 - 0	4			10		40	50			
						_												
				Elementary Physical Chemistry & Organic Chemistry		BSCPCEMC201	CC-1(2)	4 - 0 -4	6		30	10	20	40	100			
			II	Discipline 2: CC-1(2) of Other Discipline	С	See Pool	CC-2(2)	See Pool	6	22		See	Pool	Marks of Disc.2 &	150 + Marks of Disc.2 & Disc.3			
		вѕсрсем		Discipline 3: CC-1(2) of Other Discipline			CC-3(2)		6							& Disc.5		
				English/MIL Communication	AE	See Pool	AECC-2	4 - 0 - 0	4			10		40	50			
					ı	1	1	1	ı		1	1	1					
			Ш	Physical Chemistry & Inorganic Chemistry	С	BSCPCEMC301	CC-1(3)	4 - 0 - 4	6	22	30	10	20	40	100	<u>_</u>		
				Discipline 2: CC-1(3) of Other Discipline		See Pool	CC-2(3)	See Pool	6			See Pool			Marks of Disc.2 &	150 + Marks of Disc.2		
				Discipline 3: CC-1(3) of Other Discipline			CC-3(3)		6							& Disc.3		
				Industrial Chemistry	SE	BSCPCEMSE301	SEC-1	4 - 0 - 0	4			10		40	50	<u> </u>		
BSCP	CHEMISTRY																	
			IV	Inorganic Chemistry & Organic Chemistry	C	BSCPCEMC401	CC-1(4)	4 - 0 - 4	6	22	30	10	20	40	100			
				Discipline 2: CC-1(4) of Other Discipline		See Pool	CC-2(4)	See Pool	6			See Pool			Marks of Disc.2 &	150 + Marks of Disc.2		
				Discipline 3: CC-1(4) of Other Discipline			CC-3(4)		6						Disc.3	& Disc.3		
				Chemistry of Cosmetics & Perfumes	SE	BSCPCEMSE401	SEC-2	4 - 0 - 0	4	1				10		40	50	
			v		ı	T	T	1			ı	1						
				Applied Chemistry (Any One)	- DSE	BSCPCEMDSE501 BSCPCEMDSE502	DSEC-1(1)	5 - 1 - 0	6			10		40	50			
				Quantum Chemistry, Spectroscopy & Photochemistry Discipline 2: DSE-1(1) of Other Discipline			DSEC-2(1)		6	22				40	Marks of	100 + Marks of DSEC		
				Discipline 3: DSE-1(1) of Other Discipline		See Pool	DSEC-3(1)	See Pool	6			See	Pool		DSE			
				Pharmaceutical Chemistry	SE	BSCPCEMSE501	SEC-3	4 - 0 - 0	4			10		40	50			
			VI	Chemistry of Bio-molecules & Chemotherapy (Any One)	DSE	BSCPCEMDSE601	DSEC-1(2)	5 - 1 - 0		22		10		40	50 Marks of 100 + Marks of I			
				Advanced Inorganic Chemistry		BSCPCEMDSE602	DCEC 2(2)					10		40		100 - Maria of DEEC		
				Discipline 2: DSE-1(2) of Other Discipline Discipline 3: DSE-1(2) of Other Discipline		See Pool	DSEC-2(2) DSEC-3(2)	See Pool	6	22		See	Pool		DSE	100 + Marks of DSEC		
				Fuel Chemistry	SE	BSCPCEMSE601	SEC-4	4 - 0 - 0	4			10		40	50			
				Total Credit and Marks						132			7.	50 + Marks of	Disc.2 & D	isc.3 + Marks of DSEC		

Abbreviations: C= Core; CC=Core Course; AE= Ability Enhancement; AECC= Ability Enhancement Course; GE= Generic Elective; GEC= Discipline Specific Elective; DSEC= Discipline Specific Elective

Discipline-2: Students of a particular Program Course will choose Discipline-2 of any other Discipline except of his/her own. For example, if a student opts for Program Course in Chemistry then that student is required to opt Discipline-2 from Program Courses other than Chemistry. Once Discipline-2 is chosen in the 1st Semester the student is to continue with the same in the remaining semesters.

Discipline-3: Students of a particular Program Course will choose Discipline-3 of any other Discipline 2 already chosen. Once Discipline-3 is chosen in the 1st Semester the student is to continue with the same in the remaining semesters.

Semesterwise Pool of Core Courses offered by this Discipline (when treated as Discipline 2 for other Program Courses across the faculties as far as practicable)

	Semester	Course Name	Course	T	Course	L-T-P	Course	~	CA Marks ESE Marks					
Discipline-2				Course Code				Sem			ESE Mai		Total	Sem Marks
•	-		Type	DGGDGEN (G101	Details	5 1 0	Credit	Credit	Practical		Practical The		Marks	
	I	Basics in Organic and Inorganic Chemistry		BSCPCEMC101	CC-2(1)	5 - 1 - 0	6	NA -	20	10	20	40	50	
CHEMISTRY	II	Elementary Physical Chemistry & Organic Chemistry	С	BSCPCEMC201	CC-2(2)	4 - 0 - 4	6		30	10	20	40	100	NA
	III	Physical Chemistry & Inorganic Chemistry		BSCPCEMC301	CC-2(3)	4-0-4	6		30	10	20	40	100	
	IV	Inorganic Chemistry & Organic Chemistry		BSCPCEMC401	CC-2(4)	4 - 0 - 4	6		30	10	20	40	100	
Semesterwise Pool of Core Courses offered by this Discipline (when treated as Discipline 3 for other Program Courses across the facultiesas far as practicable)														
	Semester				Course		Course	Sem	CA	Marks	ESE Mai	ESE Marks To		
Discipline-3		Course Name	Course Type	Course Code	Details	L - T - P	Credit	Credit					Marks	Sem Marks
	T	Basics in Organic and Inorganic Chemistry	-JF-	BSCPCEMC101	CC-3(1)	5 - 1 - 0	6	Credit	Tractical	10	Tractical The	40	50	
	II	Elementary Physical Chemistry & Organic Chemistry	-	BSCPCEMC101 BSCPCEMC201	CC-3(1)	4-0-4	6	NA	30	10	20	40	100	
CHEMISTRY		Physical Chemistry & Inorganic Chemistry Physical Chemistry & Inorganic Chemistry	C	BSCPCEMC201 BSCPCEMC301	CC-3(2)	4-0-4	6		30	10	20	40	100	NA
	III	, , ,	_				-							
	IV	Inorganic Chemistry & Organic Chemistry	E	BSCPCEMC401	CC-3(4)	4 - 0 - 4	6		30	10	20	40	100	
DIALIC CONTROL OF THE CONTROL OF THE PROPERTY														
Discipline Specific Elective Course (DSEC) -2: Students of a particular Program Course will choose DSEC-2 from DSEC-1 of Discipline 2.														
Discipline Specific Elective Course (DSEC) -3: Students of a particular Program Course will choose DSEC-3 from DSEC-1 of Discipline 3.														
			-											
Semesterwise Pool of Discipline Specific Elective Cour	ses (DSEC) off	ered by this Discipline (when treated as Discipline 2 for other Program	m Courses ac	ross the faculties as fai	as practicable	e)								
Discipline-2	Semester	Course Name	Course Type	Course Code	Course	L-T-P	Course	Sem	CA Marks ESE Marks Total				Sem Marks	
Discipline-2				Course Code	Details	L-1-1	Credit	Credit	Practical	Theoretical	Practical The	eoretical	Marks	Sem Marks
	v	Applied Chemistry (Any One)		BSCPCEMDSE501	DSEC-2(1)	5 - 1 - 0	6	NA		10		40	50	
CHEMICEDY	v	Quantum Chemistry, Spectroscopy & Photochemistry (Any One)	DSE	BSCPCEMDSE502	DSEC-2(1)	5 - 1 - 0	0			10		40	30	NTA
CHEMISTRY		Chemistry of Bio-molecules & Chemotherapy	- DSE	BSCPCEMDSE601	DOEG A(A)	5 - 1 - 0				10		40	50	NA
	VI	Advanced Inorganic Chemistry (Any One)		BSCPCEMDSE602	DSEC-2(2)	5 - 1 - 0	6			10		40	50	
		, , , , , , , , , , , , , , , , , , ,			I.		ı		ı		II.	1	ı	
Semesterwise Pool of Discipline Specific Elective Cour	ses (DSEC) off	ered by this Discipline (when treated as Discipline 3 for other Program	m Courses ac	ross the faculties as fai	as practicable	e)								
• •		The state of the property of the state of the property of the	Course		Course	1	Course	Sem	CA	Marks	ESE Mai	rke	Total	
Discipline-3	Semester	Course Name	Type	Course Code	Details	L - T - P	Credit				Practical The		Marks	Sem Marks
		Applied Chemistry	Турс	BSCPCEMDSE501		5 - 1 - 0	Creuit	Credit	Tacucai	10	Tractical Tile	40	Marks	
	V	Quantum Chemistry, Spectroscopy & Photochemistry (Any One)	DSE	BSCPCEMDSE502	DSEC-3(1)	5-1-0	6	- NA		10		40	50	
CHEMISTRY		Chemistry of Bio-molecules & Chemotherapy		BSCPCEMDSE601		5 - 1 - 0				10		40		NA
	VI	Advanced Inorganic Chemistry (Any One)		BSCPCEMDSE602	DSEC-3(2)	5-1-0	6			10		40	50	
		Advanced inorganic Chemistry		BSCPCEMDSE002		3-1-0				10		40		
Pool of Communication Courses offered as Ability Enhancement Compulsary Courses														
Discipline	Semester	Course Name		Course Code	Course	L-T-P	Course	Sem	CA	Marks	ESE Mai	rks	Total	Sem Marks
Discipline	Semester	Course Ivanie	Type	Course Coue	Details	L-1-1	Credit	Credit	Practical	Theoretical	Practical The	eoretical	Marks	Sem Marks
		English Communication		AECCE201		4 - 0 - 0				10		40		
English/MIL Communication	II	Bengali Communication (Any One)	AE	AECCB201	AECC-2	4 - 0 - 0	4	NA		10		40	50	NA
English/WIIL Communication		Hindi Communication (Any One)	AE	AECCH201	AECC-2	4 - 0 - 0	4	NA		10		40	30	INA
		Urdu Communication		AECCU201		4 - 0 - 0				10		40		
	•			•	•	-			•					