

KAZI NAZRUL UNIVERSITY			FACULTY OF SCIENCE			DEGREE PROGRAMME: B.Sc. PROGRAM IN STATISTICS			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			
BSCP	STATISTICS	BSCPSTS	I	Descriptive Statistics	C	BSCPSTSC101	CC-1(1)	4 - 0 - 4	6	22	22	30	10	20	40	100	150 + Marks of Disc.2 & Disc.3
				Discipline 2: CC-1(1) of Other Discipline		See Pool	CC-2(1)	See Pool	6			See Pool				Marks of Disc.2 & Disc.3	
				Discipline 3: CC-1(1) of Other Discipline		AE	AEE101		AECC-1			4 - 0 - 0	4	10	40	50	
				Environment Studies													
			II	Probability Theory and Distributions	C	BSCPSTSC201	CC-1(2)	4 - 0 - 4	6	22	22	30	10	20	40	100	150 + Marks of Disc.2 & Disc.3
				Discipline 2: CC-1(2) of Other Discipline		See Pool	CC-2(2)	See Pool	6			See Pool				Marks of Disc.2 & Disc.3	
				Discipline 3: CC-1(2) of Other Discipline		AE	See Pool		AECC-2			4 - 0 - 0	4	10	40	50	
				English/MIL Communication													
			III	Statistical Inference	C	BSCPSTSC301	CC-1(3)	4 - 0 - 4	6	22	22	30	10	20	40	100	150 + Marks of Disc.2 & Disc.3
				Discipline 2: CC-1(3) of Other Discipline		See Pool	CC-2(3)	See Pool	6			See Pool				Marks of Disc.2 & Disc.3	
				Discipline 3: CC-1(3) of Other Discipline		SE	BSCPSTSSE301		SEC-1			0 - 0 - 8	4	30	20	50	
				Computational Techniques and R Programming													
			IV	Sampling Techniques & Design of Experiments	C	BSCPSTSC401	CC-1(4)	4 - 0 - 4	6	22	22	30	10	20	40	100	150 + Marks of Disc.2 & Disc.3
				Discipline 2: CC-1(4) of Other Discipline		See Pool	CC-2(4)	See Pool	6			See Pool				Marks of Disc.2 & Disc.3	
				Discipline 3: CC-1(4) of Other Discipline		SE	See Pool		SEC-2			0 - 0 - 8	4	30	20	50	
				Computational Statistics and Database Management System													
			V	Time Series Analysis	DSE	BSCPSTSDSE501	DSEC-1(1)	4 - 0 - 4	6	22	22	30	10	20	40	100	150 + Marks of DSEC
				Discipline 2: DSE-1(1) of Other Discipline		See Pool	DSEC-2(1)	See Pool	6			See Pool				Marks of DSEC chosen	
				Discipline 3: DSE-1(1) of Other Discipline		SE	See Pool		DSEC-3(1)			0 - 0 - 8	4	30	20	50	
				Statistical Techniques for Research Methodology													
			VI	Applied Statistics	DSE	BSCPSTSDSE601	DSEC-1(2)	4 - 0 - 4	6	22	22	30	10	20	40	100	150 + Marks of DSEC
				Discipline 2: DSE-1(2) of Other Discipline		See Pool	DSEC-2(2)	See Pool	6			See Pool				Marks of DSEC chosen	
				Discipline 3: DSE-1(2) of Other Discipline		SE	See Pool		DSEC-3(2)			0 - 0 - 8	4	30	20	50	
				Programming with C													
<b>Total Credit and Marks</b>										<b>132</b>	<b>900 + Marks of Disc.2 &amp; Disc.3 + Marks of DSEC</b>						

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

**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 Statistics then that student is required to opt Discipline-2 from Program Courses other than Statistics. 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 except Discipline 1 and 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)**

Discipline-2	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			
STATISTICS	I	Descriptive Statistics	C	BSCPSTSC101	CC-2(1)	4 - 0 - 4	6	NA	NA	30	10	20	40	100	NA
	II	Probability Theory and Distributions		BSCPSTSC201	CC-2(2)	4 - 0 - 4	6			30	10	20	40	100	
	III	Statistical Inference		BSCPSTSC301	CC-2(3)	4 - 0 - 4	6			30	10	20	40	100	
	IV	Sampling Techniques & Design of Experiments		BSCPSTSC401	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 faculties as far as practicable)**

Discipline-3	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			
STATISTICS	I	Descriptive Statistics	C	BSCPSTSC101	CC-3(1)	4 - 0 - 4	6	NA	NA	30	10	20	40	100	NA
	II	Probability Theory and Distributions		BSCPSTSC201	CC-3(2)	4 - 0 - 4	6			30	10	20	40	100	
	III	Statistical Inference		BSCPSTSC301	CC-3(3)	4 - 0 - 4	6			30	10	20	40	100	
	IV	Sampling Techniques & Design of Experiments		BSCPSTSC401	CC-3(4)	4 - 0 - 4	6			30	10	20	40	100	

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 Courses (DSEC) offered by this Discipline (when treated as Discipline 2 for other Program Courses across the faculties as far as practicable)														
Discipline-2	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		
STATISTICS	V	Time Series Analysis	DSE	BSCPSTSDSE501	DSEC-2(1)	4 - 0 - 4	6	NA	30	10	20	40	100	NA
	VI	Applied Statistics		BSCPSTSDSE601	DSEC-2(2)	4 - 0 - 4	6		30	10	20	40	100	
Semesterwise Pool of Discipline Specific Elective Courses (DSEC) offered by this Discipline (when treated as Discipline 3 for other Program Courses across the faculties as far as practicable)														
Discipline-3	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		
STATISTICS	V	Time Series Analysis	DSE	BSCPSTSDSE501	DSEC-3(1)	4 - 0 - 4	6	NA	30	10	20	40	100	NA
	VI	Applied Statistics		BSCPSTSDSE601	DSEC-3(2)	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)	AE	AECCE201	4 - 0 - 0	4	NA		10		40	50	NA
		Bengali Communication			AECCEB201	4 - 0 - 0				10		40		
		Hindi Communication			AECCH201	4 - 0 - 0				10		40		
		Urdu Communication			AECCEU201	4 - 0 - 0				10		40		