

KAZI NAZRUL UNIVERSITY			FACULTY OF SCIENCE			DEGREE PROGRAMME: B.Sc. HONOURS 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		
BSCH	STATISTICS	BSCHSTS	I	Descriptive Statistics - I	C	BSCHSTSC101	CC-1	4 - 0 - 4	6	22	30	10	20	40	100	250 + Marks of GEC
				Probability Theory and Distributions - I		BSCHSTSC102	CC-2	4 - 0 - 4	6		30	10	20	40	100	
				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	Statistical Methods - I and Linear Algebra - I	C	BSCHSTSC201	CC-3	4 - 0 - 4	6	30	10	20	40	100	250 + Marks of GEC	
				Probability Theory and Distributions - II		BSCHSTSC202	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	Statistical Methods - II	C	BSCHSTSC301	CC-5	4 - 0 - 4	6	30	10	20	40	100	350 + Marks of GEC	
				Statistical Inference - I		BSCHSTSC302	CC-6	4 - 0 - 4	6	30	10	20	40	100		
				Sampling Techniques		BSCHSTSC303	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						
				Computational Techniques and R Programming	SE	BSCHSTSSE301	SEC-1	0 - 0 - 8	4	30		20		50		
			IV	Regression Analysis and Linear Algebra - II	C	BSCHSTSC401	CC-8	4 - 0 - 4	6	30	10	20	40	100	350 + Marks of GEC	
				Statistical Inference-II		BSCHSTSC402	CC-9	4 - 0 - 4	6	30	10	20	40	100		
				Numerical Analysis		BSCHSTSC403	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						
				Computational Statistics and Database Management System	SE	BSCHSTSSE401	SEC-2	0 - 0 - 8	4	30		20		50		
			V	Optimization Techniques and Real Analysis	C	BSCHSTSC501	CC-11	4 - 0 - 4	6	30	10	20	40	100	400	
				Statistical Quality Control and Reliability		BSCHSTSC502	CC-12	4 - 0 - 4	6	30	10	20	40	100		
				Applied Statistics	DSE	BSCHSTSDSE501	DSEC-1	4 - 0 - 4	6	30	10	20	40	100		
				Time Series Analysis		BSCHSTSDSE502	DSEC-2	4 - 0 - 4	6	30	10	20	40	100		
			VI	Design of Experiments	C	BSCHSTSC601	CC-13	4 - 0 - 4	6	30	10	20	40	100	400	
				Non - Parametric Inference		BSCHSTSC602	CC-14	4 - 0 - 4	6	30	10	20	40	100		
Clinical Trials and Epidemiology	DSE	BSCHSTSDSE601		DSEC-3	4 - 0 - 4	6	30	10	20	40	100					
Industrial Project		BSCHSTSDSE602		DSEC-4	4 - 0 - 4	6	30	10	20	40	100					
<b>Total Credit and Marks</b>										<b>148</b>	<b>2000 + Marks of GEC</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

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		
STATISTICS	I	Introduction to Statistics	GE	BSCHSTSGE101	GEC-1	4 - 0 - 4	6	NA	30	10	20	40	100	NA
	II	Introduction to Probability Theory and Distributions		BSCHSTSGE201	GEC-2	4 - 0 - 4	6		30	10	20	40	100	
	III	Introduction to Statistical Inference		BSCHSTSGE301	GEC-3	4 - 0 - 4	6		30	10	20	40	100	
	IV	Introduction to Applied Statistics		BSCHSTSGE401	GEC-4	4 - 0 - 4	6		30	10	20	40	100	

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		10		40	50	NA
		Bengali Communication			AECCE201		4 - 0 - 0				10		40		
		Hindi Communication			AECCH201		4 - 0 - 0				10		40		
		Urdu Communication			AECCE201		4 - 0 - 0				10		40		