

 NAZRUL UNIVERSITY			FACULTY OF SCIENCE			DEGREE PROGRAMME: B.Sc. PROGRAM IN ZOOLOGY			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				
BSCP	ZOOLOGY	BSCPZOO	I	Systematics & Diversity of Life - Protists to Chordates	C	BSCPZOOC101	CC-1(1)	4 - 0 - 4	6	22	30	15	20	35	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			CC-3(1)					6						
				Environment Studies	AE	AEE101	AECC-1	4 - 0 - 0	4			15		35	50			
			II	Comparative Anatomy & Physiology of Nonchordates	C	BSCPZOOC201	CC-1(2)	4 - 0 - 4	6	22	30	15	20	35	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			CC-3(2)					6						
				English/MIL Communication	AE	See Pool	AECC-2	4 - 0 - 0	4			15		35	50			
			III	Fundamentals of Comparative Anatomy & Physiology of Chordates	C	BSCPZOOC301	CC-1(3)	4 - 0 - 4	6	22	30	15	20	35	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			CC-3(3)					6						
				Essentials of Beekeeping	SE	BSCPZOOSE301	SEC-1	4 - 0 - 0	4			15		35	50			
			IV	Cytogenetics, Biochemistry, Immunology, Evolutionary Biology	C	BSCPZOOC401	CC-1(4)	4 - 0 - 4	6	22	30	15	20	35	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			CC-3(4)					6						
				Essentials of Sericulture	SE	BSCPZOOSE401	SEC-2	4 - 0 - 0	4			15		35	50			
			V	Fundamentals of Genetic Engineering and Biotechnology	(Any One)	DSE	BSCPZOODSE501	DSEC-1(1)	4 - 0 - 4	6	22	30	15	20	35	100	150 + Marks of DSEC	
				Basics of Livestock Management and Animal Husbandry			BSCPZOODSE502		4 - 0 - 4			30	15	20	35			
				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		DSEC-3(1)		6										
				Public Health and Hygiene	SE	BSCPZOOSE501	SEC-3	4 - 0 - 0	4		15		35	50				
			VI	Introduction to Wild Life Conservation and Management	(Any One)	DSE	BSCPZOODSE601	DSEC-1(2)	4 - 0 - 4	6	22	30	15	20	35	100	150 + Marks of DSEC	
				Physiology of Mammals			BSCPZOODSE602		4 - 0 - 4			30	15	20	35			
				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	DSEC-3(2)	6																
Insect Pest, Vector Biology and Management	SE	BSCPZOOSE601		SEC-4	4 - 0 - 0	4		15		35	50							
Total Credit and Marks								132	900 + Marks of Disc.2 & Disc.3 + Marks of DSEC									
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																		
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 Zoology then that student is required to opt Discipline-2 from Program Courses other than Zoology. Once Discipline-2 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		
ZOOLOGY	I	Systematics & Diversity of Life - Protists to Chordates	C	BSCPZOOC101	CC-2(1)	4 - 0 - 4	6	NA	30	15	20	35	100	NA
	II	Comparative Anatomy & Physiology of Nonchordates		BSCPZOOC201	CC-2(2)	4 - 0 - 4	6		30	15	20	35	100	
	III	Fundamentals of Comparative Anatomy & Physiology of Chordates		BSCPZOOC301	CC-2(3)	4 - 0 - 4	6		30	15	20	35	100	
	IV	Cytogenetics, BioZoology, Immunology, Evolutionary Biology		BSCPZOOC401	CC-2(4)	4 - 0 - 4	6		30	15	20	35	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		
ZOOLOGY	I	Systematics & Diversity of Life - Protists to Chordates	C	BSCPZOOC101	CC-3(1)	4 - 0 - 4	6	NA	30	15	20	35	100	NA
	II	Comparative Anatomy & Physiology of Nonchordates		BSCPZOOC201	CC-3(2)	4 - 0 - 4	6		30	15	20	35	100	
	III	Fundamentals of Comparative Anatomy & Physiology of Chordates		BSCPZOOC301	CC-3(3)	4 - 0 - 4	6		30	15	20	35	100	
	IV	Cytogenetics, BioZoology, Immunology, Evolutionary Biology		BSCPZOOC401	CC-3(4)	4 - 0 - 4	6		30	15	20	35	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		
ZOOLOGY	V	Fundamentals of Genetic Engineering and Biotechnology	DSE	BSCPZOODSE501	DSEC-2(1)	4 - 0 - 4	6	NA	30	15	20	35	100	NA
		Basics of Livestock Management and Animal Husbandry		BSCPZOODSE502		4 - 0 - 4			30	15	20	35		
	VI	Introduction to Wild Life Conservation and Management		BSCPZOODSE601	DSEC-2(2)	4 - 0 - 4	6		30	15	20	35	100	
		Physiology of Mammals		BSCPZOODSE602		4 - 0 - 4			30	15	20	35		

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		
ZOOLOGY	V	Fundamentals of Genetic Engineering and Biotechnology	DSE	BSCPZOODSE501	DSEC-3(1)	4 - 0 - 4	6	NA	30	15	20	35	100	NA
		Basics of Livestock Management and Animal Husbandry		BSCPZOODSE502		4 - 0 - 4			30	15	20	35		
	VI	Introduction to Wild Life Conservation and Management		BSCPZOODSE601	DSEC-3(2)	4 - 0 - 4	6		30	15	20	35	100	
		Physiology of Mammals		BSCPZOODSE602		4 - 0 - 4			30	15	20	35		

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	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		