Syllabus Contents

Course: ____B.Sc. Zoology_____ Programme: Undergraduate ☐ Postgraduate ☐

Department: ___Zoology _____

School: __SOBS_____

Semester	Paper Code	Title of the Paper	Distribution of Credits			Distribution of Marks			
			T	P	Total	IA	T	P	Total
I	BSZ-101	Core Course-I (THEORY) Non-Chordates: Protista to Pseudoceolomates	4	-	4	30	70	-	100
	BSZ-102	Core Course-II (THEORY) Ecology	4	-	4	30	70	-	100
	BSZ-103	Core Course-I (PRACTICAL) Non-Chordates: Protista to Pseudoceolomates	-	2	2	15	-	35	50
	BSZ-104	Core Course-II (PRACTICAL) Ecology	-	2	2	15	-	35	50
	BSB-711	Generic Elective-I (THEORY)- BOTANY Diversity of Cryptograms	4	-	4	30	70	-	100
	BSB-712	Generic Elective-I (PRACTICAL)- BOTANY Diversity of Cryptograms	-	2	2	15	-	35	50
	BEN-711	Ability Enhancement Compulsory Course-I Communicative English	4	-	4	30	70	-	100
II	BSZ-201	Core Course-III (THEORY) Non-Chordates II: Annelida to Echinodermeta	4	-	4	30	70	-	100
	BSZ-202	Core Course-IV(THEORY) Cell Biology	4	-	4	30	70	-	100
	BSZ-203	Core Course-III (PRACTICAL) Invertebrate-II	-	2	2	15	-	35	50
	BSZ-204	Core Course-IV (PRACTICAL) Cell Biology	-	2	2	15	-	35	50
	BSB-721	Generic Elective-II (THEORY)- BOTANY Diversity of Seed Plants- Morphology, Anatomy & Systematics	4	-	4	30	70	-	100
	BSB-722	Generic Elective-II (PRACTICAL)- BOTANY Diversity of Seed Plants- Morphology, Anatomy & Systematics	-	2	2	15	-	35	50
	BEV-721	Ability Enhancement Compulsory Course-II Environmental Studies	4	-	4	30	70	-	100
III	BSZ-301	Core course-V (THEORY) Diversity of Chordates	4	-	4	30	70	-	100
	BSZ-302	Core course-VI (THEORY) Physiology: Controlling and Coordinating systems	4	-	4	30	70	-	100
	BSZ-303	Core course-VII (THEORY) Fundamentals of Biochemistry	4	-	4	30	70	-	100

	BSZ-304	Core course-V (PRACTICAL) Vertebrate	-	2	2	15	-	35	50
	BSZ-305	Core course-VI (PRACTICAL) Physiology	-	2	2	15	-	35	50
	BSZ-306	Skill Enhancement Course-I	2	-	2	15	-	35	50
	BSC-731	Generic Elective-III (THEORY)-CHEMISTRY	4	-	4	30	70	-	100
	BSC-732	Generic Elective-III (PRACTICAL)-CHEMISTRY	-	2	2	15	-	35	50
IV	BSZ-401	Core course-VIII (THEORY) Comparative anatomy of Vertebrate	4	-	4	30	70	-	100
	BSZ-402	Core course-IX (THEORY) Physiology: Life Sustaining Systems	4	-	4	30	70	-	100
	BSZ-403	Core course-X (THEORY) Biochemistry of Metabolic Processes	4	-	4	30	70	-	100
	BSZ-404	Core course-VIII (PRACTICAL) Comparative Anatomy	-	2	2	15	-	35	50
	BSZ-405	Core course-IX (PRACTICAL) Biochemistry	-	2	2	15	-	35	50
	BSZ-406	Skill Enhancement Course-II	2	-	2	15	-	35	50
	BSC-741	Generic Elective-IV (THEORY)-CHEMISTRY	4	-	4	30	70	-	100
	BSC-742	Generic Elective-IV (PRACTICAL)-CHEMISTRY	-	2	2	15	-	35	50

	Paper Code	**Title of the Paper**	**Distribution of Credits**			**Distribution of Marks**			
			T	**P**	**Total**	**IA**	**T**	**P**	**Total**
V	BSZ-501	Core course-XI (THEORY) Molecular Biology	4	-	4	30	70	-	100
	BSZ-502	Core course-XII (THEORY) Principles of Genetics	4	-	4	30	70	-	100
	BSZ-503	Discipline Specific Elective- I (THEORY) Fish and Fishery	4	-	4	30	70	-	100
	BSZ-504	Discipline Specific Elective- II (THEORY) Parasitology	4	-	4	30	70	-	100
	BSZ-505	Core course-XI (PRACTICAL) Molecular Biology	-	2	2	15	-	35	50
	BSZ-506	Core course-XII (PRACTICAL) Principles of Genetics	-	2	2	15	-	35	50
	BSZ-507	Discipline Specific Elective- I (PRACTICAL) Fish and Fishery	-	2	2	15	-	35	50
	BSZ-508	Discipline Specific Elective- II (PRACTICAL) Parasitology	-	2	2	15	-	35	50
VI	BSZ-601	Core course-XIII (THEORY) Developmental Biology	4	-	4	30	70	-	100
	BSZ-602	Core course-XIV (THEORY)	4	-	4	30	70	-	100

		Evolutionary Biology							
	BSZ-603	Discipline Specific Elective- III (THEORY) Reproductive Biology	4	-	4	30	70	-	100
	BSZ-604	Discipline Specific Elective- IV (THEORY) Wildlife Conservation and Management	4	-	4	30	70	-	100
	BSZ-605	Core course-XIII (PRACTICAL) Developmental Biology	-	2	2	15	-	35	50
	BSZ-606	Core course-XIV (PRACTICAL) Evolutionary Biology	-	2	2	15	-	35	50
	BSZ-607	Discipline Specific Elective- III (PRACTICAL) Reproductive Biology	-	2	2	15	-	35	50
	BSZ-608	Discipline Specific Elective- IV (PRACTICAL) Wildlife Conservation and Management	-	2	2	15	-	35	50

❖ **IA**= Internal Assessment; **T**= Theory; **P**= Practical (*Lab/Fieldwork/Dissertation/Project etc.*)

Verified by

Submitted by

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Signature of Dean of School

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Signature of HoD