

**Programme Structure of HZO: B.Sc. in Zoology (Hons.)**

SEM	CODE	Course Name	Theory/ Prac.	Credit	Study Hours	TE Full Marks	Assig. Full Marks	Total Marks	Pass Marks 30%	SLM Availabl e In	
1 <sup>st</sup> Year	I	CC-ZO-01	Animal Diversity, Structure and Development Lab	Practical	6	180	70	--	70	21	ENG
		CC-ZO-02	Animal Physiology, Molecular Biology and Evolution Lab	Practical	6	180	70	--	70	21	ENG
		AE-BG-11	* Bengali	Theory	2	60	50	20	70	21	BEN
		AE-EG-12	* English								ENG
		GE-01: # Refer Table below			Theory	6	180	50	20	70	21
	II	CC-ZO-03	Basic Concept of Taxonomy and Diversity of Non- chordates	Theory	6	180	50	20	70	21	ENG
		CC-ZO-04	Diversity of Chordates	Theory	6	180	50	20	70	21	ENG
		AE-ES-21	Environmental Studies	Theory	2	60	50	20	70	21	BEN
		GE-02: # Refer Table below			Theory	6	180	50	20	70	21
	2 <sup>nd</sup> Year	III	CC-ZO-05	Ecology and Biochemistry Lab	Practical	6	180	70	--	70	21
CC-ZO-06			Cell Biology and Parasitology Lab	Practical	6	180	70	--	70	21	ENG
CC-ZO-07			Cell and Molecular Biology	Theory	6	180	50	20	70	21	ENG
SE-ZO-11			Sericulture	Theory	2	60	50	10	60	18	ENG
GE-03: # Refer Table below			Theory	6	180	50	20	70	21		
IV		CC-ZO-08	Biochemistry and Metabolic Processes	Theory	6	180	50	20	70	21	ENG
		CC-ZO-09	Principals of Ecology	Theory	6	180	50	20	70	21	ENG
		CC-ZO-10	Developmental Biology	Theory	6	180	50	20	70	21	ENG
		SE-ZO-21	Aquarium Fish Keeping	Theory	2	60	50	10	60	18	ENG
		GE-04: # Refer Table below			Theory	6	180	50	20	70	21
3 <sup>rd</sup> Year	V	CC-ZO-11	Genetics and Developmental Biology Lab	Practical	6	180	70	--	70	21	ENG
		CC-ZO-12	Genetics	Theory	6	180	50	20	70	21	ENG
		DS-ZO-11	Animal Behaviour and Chronobiology	Theory	6	180	50	20	70	21	ENG
		DS-ZO-21	Animal Behaviour and Insect Biology Lab	Practical	6	180	70	--	70	21	ENG
	VI	CC-ZO-13	Animal Physiology: Controlling and Coordinating System	Theory	6	180	50	20	70	21	ENG
		CC-ZO-14	Evolutionary Biology	Theory	6	180	50	20	70	21	ENG
		DS-ZO-31	Biology of Insecta	Theory	6	180	50	20	70	21	ENG
		DS-ZO-41	Aquatic Biology	Theory	6	180	50	20	70	21	ENG
<b>TOTAL</b>				<b>140</b>				<b>1800</b>			

**GE COMBINATION LIST:**

Subject	SEM-I: GE-01	SLM Available In	SEM-II: GE-02	SLM Available In	SEM-III: GE-03	SLM Available In	SEM-IV: GE-04	SLM Available In
Botany	GE-BT-11: Biodiversity	ENG	GE-BT-21: Plant Ecology and Taxonomy	ENG	GE-BT-31: Plant Anatomy and Embryology	ENG	GE-BT-41: Economic Botany and Plant Biotechnology	ENG
Chemistry	GE-CH-11: Basic Physical Chemistry	ENG	GE-CH-21: Basic Inorganic Chemistry	ENG	GE-CH-31: Basic Organic Chemistry	ENG	GE-CH-41: Application Oriented Chemistry ¥ GE-CH-42: Approved MOOCs'	ENG

\* Learners have to choose any one from **AE-BG-11: Bengali** or **AE-EG-12: English** as Ability Enhancement Compulsory Course 1

# Learners have to choose any one course from each individual GE group of Semester I, II, III and IV.

¥ Learners willing to choose MOOCs course as an option of study are advise to visit University official website for detailed instruction. In this regard, enrolled learners may communicate with Concerned School of Studies for guidance during their study of the programme