

## Program Specific Outcomes

### BSc – Zoology

To acquire knowledge in different areas of animal science, and understand the importance of animals in the biosphere. Provides an opportunity to familiarize with the functional anatomy and mode of reproduction in different animal groups. The topics included in different units of respective paper would enable the students to develop technical skills in Zoological and allied branches. Skill based subjects like Vermitechnology, Clinical Laboratory Technology, Apiculture and Aquatic Biology included in order to promote their Skill and Provide employable opportunities in the field of higher studies and research in Government and Private organizations There is also scope for self-employment for the students. Practicals included in the syllabus will improve the skills of students in microscopy, observation, drawing and laboratory techniques.

<b>COURSE OUTCOMES 2018-2019</b>					
<b>Sl No</b>	<b>Year</b>	<b>Course Code</b>	<b>Course Name</b>	<b>CO No.</b>	<b>Course Outcome</b>
<b>Department of Zoology 2018-2019</b>					
1	2018-19	UZOC 111	BIODIVERSITY OF INVERTEBRATES		1. To understand Biodiversity, Habitat, Adaptation organization and taxonomic status of invertebrates. 2. Explaining the basic aspects of classification, structural and functional details of Invertebrates.
		UZOP 114	Practical - 1 : BIODIVERSITY OF INVERTEBRATES		To understand Biodiversity, Habitat, Adaptation through practical
		UZOC 121	BIO DIVERSITY OF CHORDATES AND VERTEBRATES		To discuss habitat, adaptations and organization of chordates.
		UZOP 124	Practical : BIO DIVERSITY OF CHORDATES AND VERTEBRATES		To understand habitat, adaptations and organization of chordates through practical
2		UZOC 231	ANIMAL PHYSIOLOGY		To understand various aspects of physiological activities of animals with special reference to mammals.
		UZOP 234	Practical		To understand various aspects of physiological

			Animal Physiology		activities of animals
		UZOS 233	VERMITECHNOLOGY		To impart training on Earthworm culture technology To create knowledge on Self - Employment opportunity
		UZOC 241	DEVELOPMENTAL BIOLOGY		To understand ontogenesis, the development of animals including parthenogenesis and to study embryonic adaptations, human reproduction and reproductive technology in man.
		UZOP 244	Practical DEVELOPMENTAL BIOLOGY		To understand the development of animals, human reproduction and reproductive technology in man.
		UZOS 243	CLINICAL LABORATORY TECHNOLOGY		To impart awareness on Clinical Lab Technology To create knowledge on Self-Employment Opportunity
		UZOS 351	APICULTURE		Entrepreneur motivation for practicing apiculture as cottage industry.
		UZOE 352	IMMUNOLOGY		To study the process which help to maintain the organisms internal environment, when challenged with foreign substances. To understand the advances in Immunology
		UZOP 358	Practical : IMMUNOLOGY		Immune organs and their function
		UZOE 354	CELL AND MOLECULAR BIOLOGY		To learn the structure and functions of various cellular components. To understand the molecular basis of cell structure DNA structure and functions.
		UZOP 358	Practical -CELL AND MOLECULAR BIOLOGY		To learn the structure and functions of various cellular components and understand the molecular basis of cell structure ,DNA structure and functions.
		UZOE 355	BIOCHEMISTRY AND INTERMEDIARY METABOLISM		To define and explain the basic principles of biochemistry and metabolic pathway
		UZOP 358	Practical - BIOCHEMISTRY AND INTERMEDIARY METABOLISM		To understand the basic principles of biochemistry and metabolic pathways
		UZOS 361	AQUATIC BIOLOGY AND CULTURE TECHNIQUES		To study and understand the biology of fishes and make the students to know about the culture techniques of fish.

		UZOG 357	PUBLIC HEALTH AND HYGIENE		To impart awareness on public health and Hygiene To create knowledge on Health Education.
		UZOE 362	ENDOCRINOLOGY AND REPRODUCTIVE BIOLOGY		Explaining the role of hormones on physiological activities of animals with special reference to humans.
		UZOP 368	Practical ENDOCRINOLOGY AND REPRODUCTIVE BIOLOGY		To understand Endocrine glands structure and functions
		UZOE 364	EVOLUTION AND CONSERVATION BIOLOGY		To explain the scientific concepts of animal evolution through theories and evidences.
		UZOP 368	Practical : EVOLUTION AND CONSERVATION BIOLOGY		To Understand concepts of animal evolution
		UZOE 365	GENETICS AND BIOTECHNOLOGY		To know the principles of genetics and to integrate biology with technology
		UZOP 368	Practicals: GENETICS AND BIOTECHNOLOGY		To integrate biology with technology