

Durgapur Women's College
List of Courses Offered by the Department

Name of the Department: Department of Zoology

Sl. No.	Semester	Course Name	Course Type (Core/MDC/Value-Added/AEC/SEC etc. as applicable)	Course Code
1. Zoology Major Syllabus as per National Curriculum and Credit Framework (NCCF)				

SEMESTER	COURSE NAME	COURSE TYPE	COURSE CODE
I	Diversity of Non-chordates	MAJOR	BSCZOOMJ101
	Public Health and Hygiene	SEC	BSCZOOSE101
II	Diversity of Chordates	MAJOR	BSCZOOMJ201
	Instrumentation and Clinical Diagnosis	SEC	BSCZOOSE201
III	Animal Physiology and Comparative Anatomy	MAJOR	BSCZOOMJ301
	Applied Zoology of Invertebrates	MAJOR	BSCZOOMJ302
IV	Ecology	MAJOR	BSCZOOMJ401
	Livestock Management and Animal Husbandry	MAJOR	BSCZOOMJ402
	Aquaculture	SEC	BSCZOOSE-401
V	Cell Biology and Histology	MAJOR	BSCZOOMJ501
	Genetics and Molecular Biology	MAJOR	BSCZOOMJ502
	Adaptation and Evolution of Animals	MAJOR	BSCZOOMJ503
VI	Biochemistry	MAJOR	BSCZOOMJ601
	Human Physiology	MAJOR	BSCZOOMJ602
	Developmental Biology of Animals	MAJOR	BSCZOOMJ603
	General Entomology	MAJOR	BSCZOOMJ603
	Summer Internship	SI	BSCZOOSI601
VII	Genetic engineering and Biotechnology	MAJOR	BSCZOOMJ-701
	Parasitology and Vector Biology	MAJOR	BSCZOOMJ-702
	Microbiology and Immunology	MAJOR	BSCZOOMJ-703
	Bioinformatics, Biostatistics and Research Methodology	MAJOR	BSCZOOMJ-704
	Toxicology and Environmental Management	MAJOR	BSCZOOMJ-801

VIII	Animal Behaviour and Chronobiology	MAJOR	BSCZOOMJ-802
	Neuroscience and Endocrinology	MAJOR	BSCZOOMJ-803
	Wildlife management and Ecotourism	MAJOR	BSCZOOMJ-804

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2. Zoology Minor Syllabus as per National Curriculum and Credit Framework (NCCF)				
	I	Diversity of Non-chordates	Minor	BSCZOOMN101
	II	Diversity of Chordates	Minor	BSCZOOMN201

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3. Zoology Hons. Syllabus as per CBCS-LOCF for 5th and 6th Sem				
V		BIOTECHNIQUES	CC-11	BSCHZOOC501
		MICROBIOLOGY, PARASITOLOGY & IMMUNOLOGY	CC-12	BSCHZOOC502
		GENETIC ENGINEERING & BIOTECHNOLOGY	DSEC-1/2	BSCHZOODSE501
		LIVESTOCK MANAGEMENT & ANIMAL HUSBANDRY	DSEC-1/2	BSCHZOODSE502
		ENDOCRINOLOGY	DSEC-1/2	BSCHZOODSE503
		VI	BIO-STATISTICS & BIO-INFORMATICS	CC-13
VI		APPLIED ZOOLOGY	CC-14	BSCHZOOC602
		WILDLIFE CONSERVATION AND	DSEC-3/4	BSCHZOODSE601

	MANAGEMENT		
	MAMMALIAN PHYSIOLOGY	DSEC-3/4	BSCHZOODSE602
	AQUATIC BIOLOGY	DSEC-3/4	BSCHZOODSE603

Sl. No.	Semester	Course Namee	Course Type (Core/MDC/Value-Added/AEC/SEC etc. as applicable)	Course Code
4. Zoology Prog. Syllabus as per CBCS-LOCF for 5th and 6th Sem				

V	FUNDAMENTALS OF GENETIC ENGINEERING & BIOTECHNOLOGY	DSEC-1(1)	BSCPZOODSE50
	BASICS OF LIVESTOCK MANAGEMENT & ANIMAL HUSBANDRY	DSEC-1(1)	BSCPZOODSE50
	PUBLIC HEALTH AND HYGIENE	SEC-3	BSCPZOOSE501
VI	INTRODUCTION TO WILDLIFE CONSERVATION AND MANAGEMENT	DSEC-1(2)	BSCPZOODSE60
	PHYSIOLOGY OF MAMMALS	DSEC-1(2)	BSCPZOODSE60
	INSECT PEST, VECTOR BIOLOGY AND MANAGEMENT	SEC-4	BSCPZOOSE601

Sl. No.	Semester	Course Namee	Course Type (Core/MDC/Value-Added/AEC/SEC etc. as applicable)	Course Code
5. Zoology MDC Syllabus as per National Curriculum and Credit Framework (NCCF) for 1st and 3rd Sem				
	I	Application of Bio-Science	MD-1	MDC106
	II	Indian Health Sciences	MDC-3	MDC304