

SYLLABI AND COURSES OF READING FOR MASTERS IN ZOOLOGY , EXAMINATION, 2019– 21
SEMESTER: I
SCHEME OF TEACHING & EXAMINATION

NATURE OF COURSE	COURSE CODE	COURSE NAME/TITLE	SCHEDULE OF TEACHING (HRS. PER WEEK)			CREDITS	MARKS					
			LECTURE	TUTORIAL	PRACTICAL		INTERNAL		MULTIPLE CHOICE EXAMINATION/ PRACTICAL NOTEBOOK		END SEMESTER EXAMINATION	
							Theory	Practical	Theory	Practical	Theory	Practical
Core	ZOO06C101	Advanced Animal Physiology	5	-	2	5+1=6	20	10	20	10	60	30
Core	ZOO06C102	Advanced Cytogenetics	5	-	2	5+1=6	20	10	20	10	60	30
Core	ZOO06C103	Taxonomy, Biosystematics and Animal Behaviour	5	-	2	5+1=6	20	10	20	10	60	30
Core	ZOO06C104	Biostatistics	5	-	2	5+1=6	20	10	20	10	60	30
		TOTAL	20	-	8	24	120		120		360	

SEMESTER: II
SCHEME OF TEACHING & EXAMINATION

NATURE OF COURSE	COURSE CODE	COURSE NAME/TITLE	SCHEDULE OF TEACHING (HRS. PER WEEK)			CREDITS	MARKS					
			LECTURE	TUTORIAL	PRACTICAL		INTERNAL		MULTIPLE CHOICE EXAMINATION/ PRACTICAL NOTEBOOK		END SEMESTER EXAMINATION	
							Theory	Practical	Theory	Practical	Theory	Practical
Core	ZOO06C201	Endocrinology and Reproductive Biology	5	-	2	5+1=6	20	10	20	10	60	30
Core	ZOO06C202	Developmental Biology	5	-	2	5+1=6	20	10	20	10	60	30
Core	ZOO06C203	Advanced Molecular Biology	5	-	2	5+1=6	20	10	20	10	60	30
Core	ZOO06C204	Zoogeography, Ecology and Wildlife Management	5	-	2	5+1=6	20	10	20	10	60	30
		TOTAL	20	-	8	24	120		120		360	

SEMESTER: III
SCHEME OF TEACHING & EXAMINATION

NATURE OF COURSE	COURSE CODE	COURSE NAME/TITLE	SCHEDULE OF TEACHING (HRS. PER WEEK)			CREDITS	MARKS					
			LECTURE	TUTORIAL	PRACTICAL		INTERNAL		MULTIPLE CHOICE EXAMINATION/ PRACTICAL NOTEBOOK		END SEMESTER EXAMINATION	
							Theory	Practical	Theory	Practical	Theory	Practical
Core	ZOO06C301	Biochemistry	5	-	2	5+1=6	20	10	20	10	60	30
Core	ZOO06C302	Microbiology, Bioinformatics and Biotechnology	5	-	2	5+1=6	20	10	20	10	60	30
Core	ZOO06C303	Insect Classification and Morphology	5	-	2	5+1=6	20	10	20	10	60	30
DSE*	ZOO06E301	Methodology and Instrumentation	5	-	2	5+1=6	20	10	20	10	60	30
		TOTAL	20	-	8	24	120		120		360	

* Students can opt for one DSE course from the following options; alongwith with respective lab courses (mentioned in syllabus):

1. DSE Course Code: ZOO06E301: Methodology and Instrumentation
2. DSE Course Code: ZOO06E302: Human Parasitology

SEMESTER: IV
SCHEME OF TEACHING & EXAMINATION

NATURE OF COURSE	COURSE CODE	COURSE NAME/TITLE	SCHEDULE OF TEACHING (HRS. PER WEEK)			CREDITS	MARKS					
			LECTURE	TUTORIAL	PRACTICAL		INTERNAL		MULTIPLE CHOICE EXAMINATION/ PRACTICAL FILE		END SEMESTER EXAMINATION	
							Theory	Practical	Theory	Practical	Theory	Practical
Core	ZOO06C401	Advances in Evolutionary Biology	5	-	2	5+1=6	20	10	20	10	60	30
Core	ZOO06C402	Limnology and Fishery Sciences	5	-	2	5+1=6	20	10	20	10	60	30
Core	ZOO06C403	Insect Anatomy and Economic Entomology	5	-	2	5+1=6	20	10	20	10	60	30
DSE*	ZOO06E401	Advanced Immunology and Parasitology	5	-	2	5+1=6	20	10	20	10	60	30
		TOTAL	20	-	8	24	120		120		360	

*** Students can opt for one DSE course from the following options; alongwith with respective lab courses (mentioned in syllabus):**

1. DSE course Code: ZOO06E401:Advanced Immunology and Parasitology
2. DSE course Code: ZOO06E402: Agricultural and Medical Entomology
3. DSE course Code: ZOO06D401: Dissertation (Assigned at the end of 2nd semester and goes until 4th semester. It would be theoretical and not involve any laboratory components)