

M. Sc. Semester I

Course	Course code	Paper title	Exam duration (Hours)	External marks	Internal marks	Total marks	Teaching hours per week	Credit points
Paper-I	ZOCC-101	Cell Biology	2.30	70	30	100	4	4
Paper-II	ZOCC -102	Molecular Biology and Genetics	2.30	70	30	100	4	4
Paper-III	ZOCC -103	Biodiversity and Ecology	2.30	70	30	100	4	4
Paper-IV	ZOCC -104	Animal Taxonomy-1	2.30	70	30	100	4	4
Practical Paper-I	ZOOPR-101	Cell Biology, Molecular Biology and Genetics	More than 4 hours	75		75	6	3
Practical Paper-II	ZOOPR-102	Biodiversity, Ecology and Animal Taxonomy-1	More than 4 hours	75		75	6	3
Elective Course	ZOOEC-101 OR ZOOEC-102 OR ZOOEC-103	Wildlife and Conservation Biology - 1 Fisheries and Aquaculture -1 Environmentally Sound Technologies-1	2.00	35	15	50	2	2
Total				465	135	600	30	24




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M. Sc. Semester II

Course	Course code	Paper title	Exam duration (Hours)	External marks	Internal marks	Total marks	Teaching hours per week	Credit points
Paper-I	ZOCC-201	Biochemistry	2.30	70	30	100	4	4
Paper-II	ZOCC-202	Instrumentation and Analytical Techniques	2.30	70	30	100	4	4
Paper-III	ZOCC-203	Biostatistics and Research Methodology	2.30	70	30	100	4	4
Paper-IV	ZOCC-204	Animal Taxonomy -2	2.30	70	30	100	4	4
Practical Paper-I	ZOOPR-201	Biochemistry, Instrumentation and Analytical Techniques	More than 4 hours	75		75	6	3
Practical Paper-II	ZOOPR-202	Biostatistics, Research Methodology and Animal taxonomy -2	More than 4 hours	75		75	6	3
Elective Course	ZOOEC-201 OR ZOOEC-202 OR ZOOEC-203	Wildlife and Conservation Biology - 2 Fisheries and Aquaculture -2 Environmentally Sound Technologies-2	2.00	35	15	50	2	2
Total				465	135	600	30	24




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M. Sc. Semester III

Course	Paper code	Paper title	Exam duration (Hours)	External marks	Internal marks	Total marks	Teaching hours per week	Credit points
Paper-I	ZOCC-301	Animal Physiology	2.30	70	30	100	4	4
Paper-II	ZOCC-302	Immunology and Endocrinology	2.30	70	30	100	4	4
Paper-III	ZOCC-303	Advance Techniques in Zoology	2.30	70	30	100	4	4
Paper-IV	ZOCC-304	Developmental Biology and Evolution	2.30	70	30	100	4	4
Practical Paper-I	ZOOPR-301	Animal Physiology, Immunology and Endocrinology	3/4	75		75	6	3
Practical Paper-II	ZOOPR-302	Advance Techniques in Zoology, Developmental Biology and Evolution	3/4	75		75	6	3
Elective Course	ZOEC -301	Wildlife and Conservation Biology- 3	2.00	35	15	50	2	2
	OR ZOEC -302	Fisheries and Aquaculture -3						
	OR ZOEC -303	Environmentally Sound Technologies-3						
Total				480	120	600	30	24



M. Sc. Semester IV

Course	Paper code	Paper title	Exam duration (Hours)	External marks	Internal marks	Total marks	Teaching hours per week	Credit points
Paper-I	ZOCC-401	Animal Behaviour	2.30	70	30	100	4	4
Paper-II	ZOCC-402	Histology, Histochemistry and Parasitology	2.30	70	30	100	4	4
Paper-III	ZOCC-403	Entomology	2.30	70	30	100	4	4
Paper-IV	ZOCC-404	Toxicology and Environmental Biology	2.30	70	30	100	4	4
Practical Paper-I	ZOOPR-401	Animal Behaviour, Histology, Histochemistry and Parasitology	3/4	75		75	6	3
Practical Paper-II	ZOOPR-402	Entomology, Toxicology and Environmental Biology	3/4	75		75	6	3
Elective Course	ZOOEC-401 OR ZOOEC-402 OR ZOOEC-403	Wildlife and Conservation Biology - 4 Fisheries and Aquaculture-4 Environmentally Sound Technologies-4	2.00	35	15	50	2	2
Total				480	120	600	30	24

OR

Course	code	Internal evaluation (200 marks)			External evaluation (400 marks)				Total
		Mid-term presentation	Mid-term progress report	Attendance	Thesis	presentation	Viva-voce	Soft skill paper	
Dissertation	MSZOO-DI-401	50	100	50	200	50	100	50	600

***Mid- term progress report:** mid-term progress report should contain introduction, review of literature, methodology of dissertation work and obtained results till date.

