

PROGRAMME STRUCTURE for M. Sc Zoology

SEM	Course Code	TITLE	No of Hrs/week	Marks	Credit
I	MLIF 131	Microbiology	4	100	4
	MLIF132	Biochemistry	4	100	4
	MLIF 133	Cell Biology	4	100	4
	MLIF 134	Genetics	4	100	4
	MLIF151	Practical I- Microbiology and Biochemistry	8	100	4
	MLIF152	Practical II- Cell Biology and Genetics	8	100	4
	MLIF135	Mathematics for Biologists	2	50	2
II	MLIF 231	Molecular Biology	4	100	4
	MLIF 232	Genetic Engineering	4	100	4
	MLIF 233	Bioanalytical Tools and Bioinformatics	4	100	4
	MLIF 234	Research Methodology and Biostatistics	4	100	4
	MLIF 251	Practical III Molecular Biology and Genetic Engineering	8	100	4
	MLIF 252	Practical IV - Bioanalytical Tools, Bioinformatics, Research Methodology and Biostatistics	8	100	4
	MLIF 235	Ethics in Science and Medicinal Botany	2	50	2
	MLIF 253	Summer Internship		50	2
III	MZOO 331	Animal phylogeny & Evolution	4	100	4
	MZOO 332	Animal Physiology	4	100	4
	MZOO 333	Immunology	4	100	4
	MZOO 334	Comparative anatomy of Invertebrates and Vertebrates	4	100	4
	MZOO 351	Practical V - Animal phylogeny & Evolution and Animal Physiology	8	100	4

	MZOO 352	Practical VI - Immunology and Comparative anatomy of Invertebrates and Vertebrates	8	100	4
IV	MZOO 431	Developmental Biology	4	100	4
	MZOO 442	MZOO 442 A - Applied Entomology	4	100	4
	Electives	MZOO 442 B - Environmental Science and Wildlife Biology	4	100	4
		MZOO 442 C - Aquaculture And Fisheries			
		MZOO 442 D - Forensic Biology			
	MZOO 451	Practical VII- Developmental Biology and Electives	8	100	4
MZOO 452	Dissertation		150	4	