

ZOOLOGY

Semester I

Paper code	Title	Contact Hours		Credits
		Per semester	Per week	
ZOL 121	Biosystematics, Taxonomy & Evolution	60	4	4
ZOL 122	Cell Biology	60	4	4
ZOL 123	Structure and function of Invertebrates	60	4	4
ZOL 124	Biochemistry	60	4	4
ZOL 125	Practicals	270	18	9
ZOL 126	Seminar	30	2	2
Total Credits for Semester I				27

Semester -II

Paper code	Title	Contact Hours		Credits
		Per semester	Per week	
ZOL 221	General Physiology	60	4	4
ZOL 222	Tools and techniques	60	4	4
ZOL 223	Molecular Biology and Biotechnology	60	4	4
ZOL 224	Environmental Science and Wildlife Management	60	4	4
ZOL 225	Practical	270	18	9
ZOL 226	Seminar	30	2	2
Total Credits for Semester II				27

Semester III

Paper code	Title	Contact Hours		Credits
		Per semester	Per week	
ZOL 321	Structure and function of Vertebrates	60	4	4
ZOL 322	Bioinformatics, Computer applications & Quantitative Biology	60	4	4
ZOL323	Special Paper-I Optional: ➤ Cancer and Radiation Biology I (Group A)	60	4	4
ZOL324	➤ Cell and Molecular Biology I (Group B)			
ZOL325	➤ Environmental Toxicology I (Group C)			
ZOL 326	Practicals	240	16	8
ZOL 327	Research project/ Dissertation	90	6	6
Total Credits for Semester III				26

Semester IV

Paper code	Title	Contact Hours		Credits
		Per semester	Per week	
ZOL 421	Gene Differentiation & Gamete Biology	60	4	4
ZOL 422	Ethology and Applied Biology	60	4	4
ZOL423	Special Paper-II Optional: ➤ Cancer and Radiation Biology II (Group A)	60	4	4
ZOL424	➤ Cell and Molecular Biology II (Group B)			
ZOL425	➤ Environmental Toxicology II (Group C)			
ZOL 426	Practicals	240	16	8
ZOL 427	Research project/ Dissertation	90	6	6
Total Credits for Semester IV				26
Grand Total				106