

Course structure of M.Sc. Zoology

	CourseCode	Name of Course	Type of course	Credit distribution			Total Credits
				L	T	P	
FIRST SEMESTER: 22 CREDITS (Foundation Courses = 4 Credits; Core Course = 18 Credits)							
1 SEMESTER	ZOO/1/FC/01	*Animal Behaviour	FC	2	0	0	2
	ZOO/1/FC/02	*Biosystematics	FC	2	0	0	2
	<i>* Two FC courses can be selected from the pool of courses offered by the School</i>						
	ZOO/1/CC/03	Non-Chordata & Chordata	CC	4	1	0	5
	ZOO/1/CC/04	Cell Biology	CC	4	1	0	5
	ZOO/1/CC/05	Biochemistry	CC	4	1	0	5
ZOO/1/CC/06	Lab Course on CC/03-05	CC	0	0	3	3	
SECOND SEMESTER: 22 CREDITS (Foundation Courses = 4 Credits; Core course= 16 Credits; Open elective=2 Credits)							
2 SEMESTER	ZOO /2/FC/07	*Basic Techniques in Biology	FC	2	0	0	2
	ZOO/2/FC/08	*Immunology	FC	2	0	0	2
	<i>* Two FC courses can be selected from the pool of courses offered by the School</i>						
	ZOO/2/CC/09	Molecular Biology	CC	4	1	0	5
	ZOO /2/CC/10	Animal Physiology	CC	3	1	0	4
	ZOO /2/CC/11	Endocrinology	CC	3	1	0	4
	ZOO /2/CC/12	Lab Course on CC/09-11	CC	0	0	3	3
ZOO /2/OE/13	Human Health Awareness	OE	2	0	0	2	
THIRD SEMESTER: 22 CREDITS (Core course=12 Credits; Specialization Course=8 Credits; Open elective=2 Credits)							
3 SEMESTER	ZOO/3/CC/14	Developmental Biology	CC	2	1	0	3
	ZOO/3/CC/15	Genetics and Evolution	CC	2	1	0	3
	ZOO/3/CC/16	Biostatistics and Bioinstrumentation	CC	2	1	0	3
	ZOO/3/CC/17	Lab Course on CC/14-16	CC	0	0	3	3
	ZOO/3/SC/18	*Cancer and Molecular Biology	SC	2	1	1	4
	ZOO/3/SC/19	*Entomology and Toxicology	SC	2	1	1	4
	ZOO /3/SC/20	*Ecology and Biodiversity	SC	2	1	1	4
	<i>*Two SC courses can be select from the pool of courses offered by the Department. Students have flexibility to specialize in one or two specific areas. Specialization is through choosing a specific set of electives belonging to the chosen area or subject (Option 1: ZOO/3/SC/18 and ZOO /4/SC/24; Option 2: ZOO/3/SC/19 and ZOO /4/SC/25; and Option 3: ZOO /3/SC/20 and ZOO /4/SC/26).</i>						
ZOO /3/OE/21	Poultry farming	OE	2	0	0	2	
FOURTH SEMESTER: 22 CREDITS (Core course= 14 Credits and Specialization Course=8 Credits)							
4 SEMESTER	ZOO /4/CC/22	Animal Biotechnology and bioinformatics	CC	4	1	0	5
	ZOO /4/CC/23	Lab Course on CC/22	CC	0	0	1	1
	ZOO /4/SC/24	* Chronobiology and Reproductive Biology	SC	2	1	1	4
	ZOO /4/SC/25	* Fish Biology and Toxicology	SC	2	1	1	4
	ZOO /4/SC/26	* Conservation Biology	SC	2	1	1	4
	<i>* Two SC courses can be selected from the pool of courses offered by the Department. Students have flexibility to specialize in one or two specific areas. Specialization is through choosing a specific set of electives belonging to the chosen area or subject (Option 1: ZOO/3/SC/18 and ZOO /4/SC/24; Option 2: ZOO/3/SC/19 and ZOO /4/SC/25; and Option 3: ZOO /3/SC/20 and ZOO /4/SC/26).</i>						
ZOO /4/CC/27	Dissertation	CC	0	0	8	8	
Total Course Credits							88