

M.Sc. ZOOLOGY SCHEME EFFECTIVE FROM 2019-20						
<b>SEMESTER I</b>						
Course Code	University Course Type	Course Name	Teaching Scheme			
			L	T	P	C
ZOO 201	Core Theory	Biosystematics & Taxonomy	3	1	0	4
ZOO 202	Core Theory	Biology of Invertebrates	3	1	0	4
ZOO 203	Core Theory	Biochemistry	3	1	0	4
ZOO 204	Core Theory	Genetics & Cytogenetics	3	1	0	4
ZOO 205	Core Practical	Taxonomy & Invertebrates Lab	0	0	6	3
ZOO 206	Core Practical	Biochemistry & Genetics Lab	0	0	6	3
<b>Total</b>			<b>12</b>	<b>4</b>	<b>12</b>	<b>22</b>

M.Sc. ZOOLOGY SCHEME EFFECTIVE FROM 2019-20						
<b>SEMESTER II</b>						
Course Code	University Course Type	Course Name	Teaching Load			
			L	T	P	C
ZOO 207	Core Theory	Physiology	3	1	0	4
ZOO 208	Core Theory	Cell & Molecular Biology	3	1	0	4
ZOO 209	Core Theory	Biostatistics & Computer Applications	3	1	0	4
ZOO 210	Core Practical	Physiology & Molecular Biology Lab	0	0	6	3
ZOO 211	Department Specific Elective-1 (Theory)	Immunology	3	1	0	4
ZOO 212		Histology & Histochemistry				
ZOO 213	Department Specific Elective-1 (Lab)	Immunology Lab	0	0	6	3
ZOO 214		Histology & Histochemistry Lab				
<b>Total</b>			<b>12</b>	<b>4</b>	<b>18</b>	<b>22</b>

M.Sc. ZOOLOGY SCHEME EFFECTIVE FROM 2020-21			
<b>SEMESTER III</b>			
Course Code	University Course Type	Course Name	Teaching Scheme

			L	T	P	C
ZOO 215	Core Theory	Biology of Chordate	3	1	0	4
ZOO 216	Core Theory	Genes and Differentiation	3	1	0	4
ZOO 217	Core Theory	Ethology, Ecology and Evolution	3	1	0	4
ZOO 218	Core Practical	Chordates, Genes and Differentiation Lab	0	0	6	3
ZOO 219	Department Specific Elective-2 (Theory)	Environmental Biology	3	1	0	4
ZOO 220		<b>Reproductive Biology</b>				
ZOO 221	Department Specific Elective-2 (Lab)	Environmental Biology Lab	0	0	6	3
ZOO 222		<b>Reproductive Biology Lab</b>				
<b>Total</b>			<b>12</b>	<b>4</b>	<b>12</b>	<b>22</b>

<b>M.Sc. ZOOLOGY SCHEME EFFECTIVE FROM 2020-21</b>						
<b>SEMESTER IV</b>						
Course Code	University Course Type	Course Name	Teaching Load			
			L	T	P	C
ZOO 223	Department Specific Elective-3 (Theory)	Cancer and Radiation Biology	3	1	0	4
ZOO 224		<b>Entomology</b>				
ZOO 225		Aquatic Biology and Fisheries				
ZOO 226		Economic Zoology				
ZOO 227		Forensic Biology				
ZOO 228	Department Specific Elective-4 (Theory)	Wild Life Conservation & its Management	3	1	0	4
ZOO 229		Population Genetics				
ZOO 230		Parasitology				
ZOO 231		Toxicology				
ZOO 232		<b>Tools and Techniques</b>				
ZOO 233	DSE Practical	<b>Entomology and Tools techniques Lab</b>	0	0	8	4
ZOO 234	Core Course	<b>Seminar</b>	0	0	4	2
ZOO 235	Core Course	<b>Project</b>	0	0	16	8
<b>Total</b>			<b>6</b>	<b>2</b>	<b>28</b>	<b>22</b>

**Program Name: M.Sc Zoology**

**2019-20**

<b>S.No.</b>	<b>Category of Courses</b>	<b>Category Codes</b>	<b>Number of Courses</b>	<b>Credit</b>
1.	Professional Core Credits	PC	14	52
2.	Professional Elective Core Credit	PE	19	72
3.	Project Credit	PR	1	8
4.	Seminar & training Credit	ST	1	2
5.	Open Elective Credit	OE		
6.	Basic Science Credit	BS		
7.	Engineering Science Credit	ES		
8.	HU/SS/MAN	HSM		
	Total		35	134

<b>Category Codes</b>	<b>Number of Courses</b>	<b>Credit</b>
Theory	24	96
Practice	11	38

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<b>SEMESTER I</b>						
Course Code	University Course Type	Course Name	Teaching Scheme			
			L	T	P	C
ZOO 201	Core Theory	Biosystematics & Taxonomy	3	1	0	4
ZOO 202	Core Theory	Biology of Invertebrates	3	1	0	4
ZOO 203	Core Theory	Biochemistry	3	1	0	4
ZOO 204	Core Theory	Genetics & Cytogenetics	3	1	0	4
ZOO 205	Core Practical	Taxonomy & Invertebrates Lab	0	0	6	3
ZOO 206	Core Practical	Biochemistry & Genetics Lab	0	0	6	3
<b>Total</b>			<b>12</b>	<b>4</b>	<b>12</b>	<b>22</b>

M.Sc. ZOOLOGY SCHEME EFFECTIVE FROM 2020-21						
<b>SEMESTER II</b>						
Course Code	University Course Type	Course Name	Teaching Load			
			L	T	P	C
ZOO 207	Core Theory	Physiology	3	1	0	4
ZOO 208	Core Theory	Cell & Molecular Biology	3	1	0	4
ZOO 209	Core Theory	Biostatistics & Computer Applications	3	1	0	4
ZOO 210	Core Practical	Physiology & Molecular Biology Lab	0	0	6	3
ZOO 211	Department Specific Elective-1 (Theory)	Immunology	3	1	0	4
ZOO 212		Histology & Histochemistry				
ZOO 213	Department Specific Elective-1 (Lab)	Immunology Lab	0	0	6	3
ZOO 214		Histology & Histochemistry Lab				
ZOO 245	Core Course	Seminar I	0	0	4	2
<b>Total</b>			<b>12</b>	<b>4</b>	<b>16</b>	<b>24</b>

<b>M.Sc. ZOOLOGY SCHEME EFFECTIVE FROM 2020-21</b>						
<b>SEMESTER III</b>						
Course Code	University Course Type	Course Name	Teaching Scheme			
			L	T	P	C
ZOO 215	Core Theory	Biology of Chordate	3	1	0	4
ZOO 216	Core Theory	Genes and Differentiation	3	1	0	4
ZOO 217	Core Theory	Ecology, and Evolution	3	1	0	4
ZOO 218	Core Practical	Chordates, Genes and Differentiation Lab	0	0	6	3
ZOO 219	Department Specific Elective-2 (Theory)	Environmental Biology	3	1	0	4
ZOO 220		Reproductive Biology				
ZOO 221	Department Specific Elective-2 (Lab)	Environmental Biology Lab	0	0	6	3
ZOO 222		Reproductive Biology Lab				
<b>Total</b>			<b>12</b>	<b>4</b>	<b>12</b>	<b>22</b>

<b>M.Sc. ZOOLOGY SCHEME EFFECTIVE FROM 2020-21</b>						
<b>SEMESTER IV</b>						
Course Code	University Course Type	Course Name	Teaching Load			
			L	T	P	C
ZOO 223	Department Specific Elective-3 (Theory)	Cancer and Radiation Biology	3	1	0	4
ZOO 224		Entomology				
ZOO 225		Aquatic Biology and Fisheries				
ZOO 226		Economic Zoology				
ZOO 227		Ethology				
ZOO 228	Department Specific Elective-4 (Theory)	Wild Life Conservation & its Management	3	1	0	4
ZOO 229		Population Genetics				
ZOO 230		Parasitology				
ZOO 231		Toxicology				
ZOO 232		Tools and Techniques				
ZOO 233	Department Specific Elective-3 (Practical)	Entomology Lab	0	0	4	2
ZOO 236		Cancer and Radiation Biology Lab				
ZOO 237		Aquatic Biology and Fisheries				
ZOO 238		Economic Zoology				
ZOO 239		Ethology				
ZOO 240	Department Specific Elective-4 (Practical)	Wild Life Conservation & its Management	0	0	4	2
ZOO 241		Population Genetics				
ZOO 242		Parasitology				

ZOO 243		Toxicology				
ZOO 244		Tools and Techniques				
ZOO 234	Core Course	Seminar II	0	0	4	2
ZOO 235	Core Course	Dissertation	0	0	16	8
<b>Total</b>			<b>12</b>	<b>4</b>	<b>18</b>	<b>22</b>

**Program Name: M.Sc Zoology**

2020-21

S.No.	Category of Courses	Category Codes	Number of Courses	Credit
9.	Professional Core Credits	PC	14	52
10.	Professional Elective Core Credit	PE	28	88
11.	Project Credit	PR	1	8
12.	Seminar & training Credit	ST	2	4
13.	Open Elective Credit	OE		
14.	Basic Science Credit	BS		
15.	Engineering Science Credit	ES		
16.	HU/SS/MAN	HSM		
	Total		45	152

Category Codes	Number of Courses	Credit
Theory	24	96
Practice	21	56

