

M.Sc. Zoology Course Structure

(Semester, Course Code, Course title, Credits, Teaching, practical Hrs. Examination Hrs. and Marks)

Semester	Course Code & Title	No. of Credit Points	Teaching Hrs /Week	Exam. Hrs.	Internal Assessment Marks	Semester End Examination Marks	Total Marks
I	HCT 1.1: Biosystematics	04	04	03	20	80	100
	HCT 1.2: Biology of Non-chordates and Chordates	04	04	03	20	80	100
	HCT 1.3: Evolutionary Biology	04	04	03	20	80	100
	SCT 1.1a: Applied Zoology OR SCT 1.1b: Computer applications and Bioinformatics	04	04	03	20	80	100
	HCP 1.1: Practical based on HCT 1.1	02	04	03	10	40	50
	HCP 1.2: Practical based on HCT 1.2	02	04	03	10	40	50
	HCP 1.3: Practical based on HCT 1.3	02	04	03	10	40	50
	SCP 1.1a: Practical based on SCT 1.1a OR SCP 1.1b: Practical based on SCT 1.1b	02	04	03	10	40	50
II	HCT 2.1: Genetics and Biostatistics	04	04	03	20	80	100
	HCT 2.2: Molecular Cell Biology	04	04	03	20	80	100
	HCT 2.3: Parasitology	04	04	03	20	80	100
	SCT 2.1a: Immunology OR SCT 2.1b: Biochemistry	04	04	03	20	80	100
	OET 2.1a: Economic Zoology OR OET 2.1b: Animal Behaviour	02	02	02	10	40	50
	HCP 2.1: Practical based on HCT 2.1	02	04	03	10	40	50
	HCP 2.2: Practical based on HCT 2.2	02	04	03	10	40	50
	HCP 2.3: Practical based on HCT 2.3	02	04	03	10	40	50
	SCP 2.1a: Practical based on SCT 2.1a OR SCP 2.1b: Practical based on SCT 2.1b	02	04	03	10	40	50
III	HCT 3.1: Developmental Biology	04	04	03	20	80	100
	HCT 3.2: Animal Physiology	04	04	03	20	80	100
	HCT 3.3: Ethology	04	04	03	20	80	100
	SCT 3.1a: Wild life Biology and Conservation OR SCT 3.1b: Entomology	04	04	03	20	80	100
	OET 3.1a: Reproduction and Development OR OET 3.1b: Diversity of Animals	02	02	02	10	40	50
	HCP 3.1: Practical based on HCT 3.1	02	04	03	10	40	50
	HCP 3.2: Practical based on HCT 3.2	02	04	03	10	40	50
	HCP 3.3: Practical based on HCT 3.3	02	04	03	10	40	50
	SCP 3.1a: Practical based on SCT 3.1a OR SCP 3.1b: Practical based on SCT 3.1b	02	04	03	10	40	50
IV	HCT 4.1: Endocrinology and Reproductive Biology	04	04	03	20	80	100
	HCT 4.2: Environmental Biology	04	04	03	20	80	100
	SCT 4.1a: Tools and Techniques in Biology OR SCT 4.1b: Histology and Histochemistry	04	04	03	20	80	100
	HCP 4.1: Practical based on HCT 4.1	02	04	03	10	40	50
	HCP 4.2: Practical based on HCT 4.2	02	04	03	10	40	50
	SCP 4.1a: Practical based on SCT 4.1a OR SCP 4.1b: Practical based on SCT 4.1b	02	04	03	10	40	50
	HCT 4.3: Project Work /Internship	06	06	03	20	130	150
	Total Marks (I to IV Semester) 2500 Credits =106						

HC: Hard Core; SC: Soft Core OE: Open Elective T: Theory P: Prcticals

Mandatory Skills: I -Semester- Communication Skill -2 Credits;
II- Semester- Computer Skill- 2 Credits;
III-Semester- Personality Development Skill- 2 Credits