

**Department of Zoology**  
**(2020-2021)**  
**GDC Paonta Sahib**

**Course learning outcomes**

S.No.	Course Title	Course Code	Nature of Course and Year	Co's	Course Outcome
1	Animal diversity	Zool. 101TH	Discipline Specific Core (DSC)-1A B.SC 1st Year	CO1	Study of diversity various invertebrates.
				CO2	Study of diversity various vertebrates.
				CO3	Study of Basics of classification.
				CO4	Study of Phylogeny.
2	Animal diversity	Zool. 101PR	Discipline Specific Core (DSC)-1A	CO1	Identification & Study of specimen. ☐
				CO2	Study of Classification .
3	Comparative anatomy of vertebrates,& Developmental Biology	ZOO102TH	Discipline Specific Core (DSC)-1B B.SC 1st Year	CO1	Comparison of anatomy various vertebrates.
				CO2	Study of evolution of various organ system .
				CO3	Study of embryology and developmental biology.
4	Comparative anatomy of vertebrates,& Developmental Biology	ZOO102 PR	Discipline Specific Core (DSC)-1B B.SC 1st Year	CO1	Comparative study of bones of various vertebrates. study of slides of embryology of frog, chick.
				CO2	Study of various placentas through charts.
5	Physiology and biochemistry	ZOO1201TH	Discipline Specific Core (DSC)-1C B.SC 2nd Year	CO1	Study of various physiological functions occurring in human body.
				CO2	Biochemistry of various biochemical events .
6	Physiology and biochemistry	ZOO1201PR	Discipline Specific Core (DSC)-1C B.SC 2nd Year	CO1	Study of slides of human anatomy and physiological and chemical experiment.
7	Genetics and evolution	ZOO1202TH ☐	Discipline Specific Core (DSC)-1D B.SC 2nd Year	CO1	Study of pre-Mendelian and post –Mendelian inheritance.
				CO2	Study of evolutionary theories & Speciation.
				CO3	Study of evolution of man ,horse.
8	Genetics and evolution	ZOO1202PR ☐	Discipline Specific Core (DSC)-1D B.SC 2nd Year	CO1	Study of Mendelian laws.
				CO2	study of evolutionary processes through photos/charts. Study of karyotypes of human.
9	Medical diagnostic	ZOO1203 TH	Skill Enhancement Courses (SEC)-I B.SC 2nd Year	CO1	Study of various diagnostic medical techniques .
				CO2	study of diseases.
				CO3	Study of MRI, CT scan etc.
10	Apiculture	ZOO1204,TH	Skill Enhancement Courses (SEC)-II B.SC 2nd Year	CO1	Study of rearing of bees. Study of establishing apiary.
				CO2	Study of bee disease.
				CO3	Study techniques used in bee culture.
11	Applied zoology	ZOO1301TH	Discipline Specific Elective (DSE)-1A B.SC 3rd Year	CO1	Study of life cycles insects causing various diseases to human and plants & their control.Study of mouth parts .
				CO2	Study of poultry farming.
12	Applied zoology	ZOO1301 PR	Discipline Specific Elective (DSE) B.SC 3rd Year	CO1	Study of Slides of mouth parts of insects.
				CO2	Study of specimen of vectors.
				CO3	Study of Plant pests.
13	Insect vector and diseases	ZOO1302TH	Discipline Specific Elective (DSE)-1B B.SC 3rd Year	CO1	Study of Insects as vectors.
				CO2	Study of life cycle of various communicable diseases and their management.
14	Insect vector and diseases	ZOO1302 PR	Discipline Specific Elective (DSE)-1B B.SC 3rd Year	CO1	Study of specimen of insect vectors.
				CO2	study of control of various vectors.
				CO3	Study of life cycle of various communicable diseases.
15	Sericulture	ZOO1303TH	Skill Enhancement Courses (SEC)-III B.SC 3rd Year	CO1	Study of silk worm .
				CO2	study of rearing of silkworm techniques.
				CO3	Study of silk worm diseases etc.
16	Aquarium fish keeping	ZOO1304(A)TH	Skill Enhancement Courses (SEC)-IV B.SC 3rd Year	CO1	Study of various aquarium fishes . Study of techniques for maintenance of aquarium.
				CO2	Study of developing aquarium as hobby & as entrepreneurship.