



Code	Subject Title	Cr. Hrs	Semester
ZOOL-104	Zoology Lab-II (Chordate Diversity)	1	II
Year	Discipline		
1	Botany, Zoology, Chemistry-I		

Chordates Diversity:

1. Study of a representative of hemichordate and invertebrate chordate.
2. Study of representative groups of class fishes.
3. Study of representative groups of class Amphibia.
4. Study of representative groups of class Reptilia.
5. Study of representative groups of class Aves.
6. Study of representative groups of class Mammalia.
7. Field trips to study animal diversity in an ecosystem.

Developmental Biology-I

1. Study of male reproductive system in an invertebrate and a vertebrate representative (Dissection).
2. Study of female reproductive system in an invertebrate and a vertebrate representative (Dissection).
3. Study of preserved advanced stages of avian and mammalian development for amniotic membranes and placenta (Model).

Recommended Books:

1. Miller, S.A., 2002. GENERAL ZOOLOGY LABORATORY MANUAL. 5th Edition (International) Singapore: McGraw Hill.
 2. Hickman, C.P. and Kats, H.L., 2002. LABORATORY STUDIES IN INTEGRATED PRINCIPLES OF ZOOLOGY. Singapore: McGraw Hill.
 3. Miller, S.A., 2000. GENERAL ZOOLOGY LABORATORY MANUAL. 5th Edition (International) Singapore: McGraw Hill.
 4. Hickman, C.P. and Kats, H.L., 2000. LABORATORY STUDIES IN INTEGRATED PRINCIPLES OF ZOOLOGY. Singapore: McGraw Hill.
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