

Master of Science (M.Sc.) in Zoology – 2 Year Syllabus

Duration: 2 Years (4 Semesters)

Program Type: Postgraduate Degree

Total Credits: 96 (Typical University Pattern)

Note: Subject codes by university. The following is a standard university-style M.Sc. Zoology curriculum with sample subject codes.

Semester I

Subject Code	Subject Name	Credits
ZOO101	Non-Chordates: Structure, Diversity & Evolution	4
ZOO102	Chordates: Structure, Diversity & Evolution	4
ZOO103	Cell Biology	4
ZOO104	Genetics & cytogenetic	4
ZOO105P	Practical-I (Non-Chordates & Chordates)	4

Total Credits: 20

Semester II

Subject Code	Subject Name	Credits
ZOO201	Molecular Biology	4
ZOO202	Developmental Biology	4
ZOO203	Animal Physiology	4
ZOO204	Biochemistry	4
ZOO205P	Practical-II (Cell Biology & Physiology)	4

Total Credits: 20

Semester III

Subject Code	Subject Name	Credits
ZOO301	Ecology & Environmental Biology	4
ZOO302	Immunology	4
ZOO303	Evolutionary Biology	4
ZOO304	Biotechnology & Bioinformatics	4
ZOO305P	Practical-III (Ecology & Biotechnology)	4

Total Credits: 20

Semester IV

Subject Code	Subject Name	Credits
ZOO401	Wildlife Biology & Conservation	4
ZOO402	Fisheries & Aquaculture	4
ZOO403	Entomology & Pest Management	4
ZOO404	Research Methodology & Biostatistics	4
ZOO405	Dissertation / Major Project	8

Total Credits: 24