

Program Structure

MSc Zoology (1-year)

School of Biological and Life Sciences

Scheme: 2023-24

Summary of Credits

Course Category	For 1 year Program
University Core Courses	0
Program Core Courses	34
Electives	10
Industrial/Academic Internship	-
Dissertation	-
Total Credits	44

Curriculum Structure (23-24)

MSc Zoology (1-year)

SEMESTER I						
S. No.	Course Code	Course Name	L	T	P	Credits
1.		Advanced Cell and Molecular Biology	3	0	1	4
2.		Biology of Invertebrates	4	0	1	5
3.		Immunology	4	0	0	4
4.		Elective -I	3	0	0	3
		Developmental biology	3	0	0	3
5.		Bioanalytical and Biophysical Techniques	4	0	0	4
		Total credit	21	0	2	23
SEMESTER II						
S. No.	Course Code	Course Name	L	T	P	Credits
1.		Comparative Physiology	4	0	0	4
2.		Biotechnology And Genetic Engineering	4	0	1	5
3.		Biology of Vertebrates	4	0	1	5
4.		Elective -II (Specialization Group A/B/C/D)	3	0	1	4
5.		Elective -III (Specialization Group A/B/C/D)	3	0	0	3
		TOTAL	18	0	3	21

List of Electives

S.No.		Course name	L	T	P	C
1.	Elective-I	Computational Biology and Bioinformatics	2	0	1	3
2.		Economic Zoology	3	0	0	3
3.		Proteomics, Genomics and Nanotechnology	3	0	0	3
4.		Parasitology	3	0	0	3

Specialization group electives		Course name	L	T	P	C
A	Elective-II	Fish Diversity and Physiology	3	0	1	4
	Elective-III	Fisheries and Aquaculture	3	0	0	3
B	Elective-II	Entomology-Insect diversity and physiology	3	0	1	4
	Elective-III	Applied and Medical Entomology	3	0	0	3
C	Elective-II	Neuroendocrinology	3	0	1	4
	Elective-III	Reproductive Biology	3	0	0	3
D	Elective-II	Biodiversity and Wild Life Conservation	3	0	1	4
	Elective-III	Wild Life Management and Legislation	3	0	0	3