

### Courses MPhil Zoology 3<sup>rd</sup> Board of Studies

There will be no option in compulsory subject. The department will offer courses in each semester as per available experts.

<b>Course Category</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Cr. Hrs.</b>	<b>Semester</b>
Compulsory	Zool-711	Advanced Analytical Techniques	3(3+0)	I/II
Compulsory	Zool-712	Applied Biostatistics	3(3+0)	I/II
Uni. Option	Zool-713	Advances in Immunology	3(3+0)	I/II
Uni. Option	Zool-714	Advances in Aquaculture	3(3+0)	I/II
Uni. Option	Zool-715	Advances in Cell Biology	3(3+0)	I/II
Uni. Option	Zool-716	Advances in Ecology	3(3+0)	I/II
Uni. Option	Zool-717	Advances in Protozoology	3(3+0)	I/II
Uni. Option	Zool-718	Advances in Helminthology	3(3+0)	I/II
Uni. Option	Zool-719	Advanced Cell and Molecular Biology	3(3+0)	I/II
Uni. Option	Zool-720	Advances In Wildlife	3(3+0)	I/II
Uni. Option	Zool-721	Applied Genetics	3(3+0)	I/II
Uni. Option	Zool-722	Applied Microbiology	3(3+0)	I/II
Uni. Option	Zool-723	Applied Reproductive Physiology	3(3+0)	I/II
Uni. Option	Zool-724	Aqua Culture Biotechnology	3(3+0)	I/II
Uni. Option	Zool-725	Aquaculture	3(3+0)	I/II
Uni. Option	Zool-726	Aquaculture and Fisheries	3(3+0)	I/II
Uni. Option	Zool-727	Aquaculture System Management	3(3+0)	I/II
Uni. Option	Zool-728	Bacterial Genetics	3(3+0)	I/II
Uni. Option	Zool-729	Biology of Birds and Mammals In Pakistan	3(3+0)	I/II
Uni. Option	Zool-731	Biological Toxicology	3(3+0)	I/II
Uni. Option	Zool-732	Cellular and Molecular Physiology	3(3+0)	I/II
Uni. Option	Zool-733	Classification of Insects and Pest Management	3(3+0)	I/II
Uni. Option	Zool-734	Clinical Bacteriology	3(3+0)	I/II
Uni. Option	Zool-735	Clinical Endocrinology	3(3+0)	I/II
Uni. Option	Zool-736	Clinical Immunology	3(3+0)	I/II
Uni. Option	Zool-737	Clinical Teratology	3(3+0)	I/II
Uni. Option	Zool-738	Conservation Biology of Wildlife	3(3+0)	I/II
Uni. Option	Zool-739	Diagnostic Parasitology	3(3+0)	I/II
Uni. Option	Zool-740	Environmental Toxicology	3(3+0)	I/II
Uni. Option	Zool-741	Epidemiology of Animal Parasite	3(3+0)	I/II
Uni. Option	Zool-742	Fish and Aquatic Toxicology	3(3+0)	I/II

Uni. Option	Zool-743	Fish Nutrition and Health	3(3+0)	I/II
Uni. Option	Zool-744	Fishing Gear Technology	3(3+0)	I/II
Uni. Option	Zool-745	Freshwater Biology	3(3+0)	I/II
Uni. Option	Zool-746	General Pharmacognosy	3(3+0)	I/II
Uni. Option	Zool-747	General Toxicology	3(3+0)	I/II
Uni. Option	Zool-748	Herpetology	3(3+0)	I/II
Uni. Option	Zool-749	Human Genetics	3(3+0)	I/II
Uni. Option	Zool-750	Industrial Biotechnology	3(3+0)	I/II
Uni. Option	Zool-751	Lab and Biosafety	3(3+0)	I/II
Uni. Option	Zool-752	Medical Biotechnology	3(3+0)	I/II
Uni. Option	Zool-753	Medical and Veterinary Parasitology	3(3+0)	I/II
Uni. Option	Zool-754	Medical Microbiology	3(3+0)	I/II
Uni. Option	Zool-755	Medical Parasitology	3(3+0)	I/II
Uni. Option	Zool-756	Medical Virology	3(3+0)	I/II
Uni. Option	Zool-757	Mendelian Genetics	3(3+0)	I/II
Uni. Option	Zool-758	Molecular Endocrinology	3(3+0)	I/II
Uni. Option	Zool-759	Molecular Entomology	3(3+0)	I/II
Uni. Option	Zool-760	Molecular Evolution	3(3+0)	I/II
Uni. Option	Zool-761	Molecular Parasitology	3(3+0)	I/II
Uni. Option	Zool-762	Molecular Physiology	3(3+0)	I/II
Uni. Option	Zool-763	Pharmaceutical Microbiology	3(3+0)	I/II
Uni. Option	Zool-764	Principles of Wildlife Management	3(3+0)	I/II
Uni. Option	Zool-765	Recombinant DNA Technology	3(3+0)	I/II
Uni. Option	Zool-766	Reproductive Physiology	3(3+0)	I/II
Uni. Option	Zool-767	Research Methodology	3(3+0)	I/II
Uni. Option	Zool-768	Research Methods in Entomology	3(3+0)	I/II
Uni. Option	Zool-769	Stem Cell Technology	3(3+0)	I/II
Uni. Option	Zool-770	Toxicology	3(3+0)	I/II
Uni. Option	Zool-771	Wildlife Conservation and Management	3(3+0)	I/II
Uni. Option	Zool-772	Wildlife Management	3(3+0)	I/II
Uni. Option	Zool-773	Wildlife of Pakistan	3(3+0)	I/II
Uni. Option	Zool-774	Wildlife Techniques and Data Analysis	3(3+0)	I/II
Compulsory	Zool-811	Seminar	2(2+0)	III / IV
Compulsory	Zool-812	Research and Thesis	8(0+8)	III & IV
Total Credits=34 (Flexible from 30 to 36)				