



List of MS Zoology Courses

Course No.	Course Title	Units	Prerequisites	Semester Offered
ZOO 225	Endocrinology	3	ZOO 120	2
ZOO 226	Physiology of Reproduction	3	ZOO 120	1
ZOO 228	Animal Toxicology	3	ZOO 120	2
ZOO 242	Advanced Invertebrate Biology	3	ZOO 142	2
ZOO 250	Community Ecology of Animals	3	ZOO 150	1
ZOO 251	Zoogeography	3	ZOO 150	1
ZOO 252	Biology of Freshwater Zooplankton	3	BIO 150	2
ZOO 253	Ecology of Animal Parasites	3	ZOO 173	1
ZOO 254	Reef Fish Ecology	3	ZOO 150	2
ZOO 255	Invasion Zoology	3	ZOO 150	2
ZOO 260	Applied Malacology	3	ZOO 142 or ZOO 160	1
ZOO 273	Advanced Animal Parasitology	3	ZOO 173	2
ZOO 276	Environmental Parasitology	3	ZOO 173	1
ZOO 290	Special Problem	1-3	COI	1, 2
ZOO 291	Special Topics	1-3	COI	1, 2
ZOO 299	Graduate Seminar	1	Graduate Standing	1, 2
ZOO 300	Master's Thesis	6		1, 2

Graduate Courses

Zoology

ZOO 225. Endocrinology (3). Anatomy and functional relationships of the endocrine glands in vertebrates. 3 hours (class). PR. ZOO 120 or COI^{1/}. (2)

ZOO 226. Physiology of Reproduction (3). Comparative physiology of reproduction in higher animals, factors involved in fertility mechanisms. 5 hours (2 class, 3 lab). PR. ZOO 120 or COI^{1/}. (1)

ZOO 228. Animal Toxicology (3). Toxic substances, their modes of action and effects on invertebrates and vertebrates. 3 hours (class). PR. ZOO 120 or COI^{1/}. (2)

ZOO 242. Advanced Invertebrate Biology (3). Recent advances in the biology of invertebrates with emphasis on the free-living forms. 3 hours (class), PR. ZOO 142 or COI^{2/}. (2)

ZOO 250. Community Ecology of Animals (3). Factors and processes affecting biodiversity and interactions among animals in their communities. 5 hours (2 class, 3 lab). PR. ZOO 150 or COI^{3/}. (1)

ZOO 251. Zoogeography (3). Theories and concepts in global distribution of wild animals. 3 hours (class). PR. ZOO 150 or COI^{3/}. (1)

ZOO 252. Biology of Freshwater Zooplankton (3). Freshwater zooplankton morphology, physiology, reproduction, taxonomy and ecology with emphasis on Philippines species. 7 hours (1 class, 6 lab). PR. BIO 150 or COI^{4/}. (2)

ZOO 253. Ecology of Animal Parasites (3). Basic concepts and recent advances in the ecology of parasites affecting man and other vertebrates. 3 hours (class). PR. ZOO 173 or COI^{1/}. (1)

ZOO 254. Reef Fish Ecology (3). Dynamics of populations and communities of reef-associated fishes. 3 hours (class). PR. ZOO 150 or COI^{3/}. (2)

ZOO 255. Invasion Zoology (3). Dispersal, establishment and adaptations of invasive animal species. 3 hours (class). PR. ZOO 150 or COI^{3/}. (2)

ZOO 260. Applied Malacology (3). Medical, agricultural and ecological importance of mollusks. 5 hours (2 class, 3 lab). PR. ZOO 142 or ZOO 160 or COI^{2/}. (1)

ZOO 273. Advanced Animal Parasitology (3). Biology and control of parasite commonly affecting farm animals in the Philippines. 5 hours (2 class, 3 lab). ZOO 173 or COI^{5/}. (2)

ZOO 276. Environmental Parasitology (3). Parasites as indicators of ecosystem health and their transmission dynamics in ecosystems, animals, and humans. 3 hours (class). PR. ZOO 173 or COI^{5/}. (1)

ZOO 290. Special Problems (1-3). May be taken twice provided that the total number to be credited in the student's program will not exceed 4 units. (1, 2)

ZOO 291. Special Topics (1-3). May be taken twice provided that the total number to be credited in the student's program will not exceed 4 units. (1, 2)

ZOO 299. Graduate Seminar (1). May be repeated for a maximum of 2 units. PR. Graduate Standing. (1, 2)

ZOO 300. Master's Thesis (6). (1, 2)

^{1/}Consent of Instructor (COI) will be given to graduate students who have satisfactory academic preparation in basic Animal Physiology.

^{2/}Consent of Instructor (COI) will be given to students who have sufficient academic preparation in undergraduate Invertebrate Zoology or Malacology.

^{3/}Consent of Instructor (COI) will be given to graduate students who have satisfactory academic preparation in basic Animal Ecology.

^{4/}Consent of Instructor (COI) will be given to students who have satisfactory academic preparation in basic Ecology.

^{5/}Consent of Instructor (COI) will be given to students who have satisfactory academic preparation in basic Animal Parasitology.