

Study Plan of PhD. Degree in Zoology

25 Credit hours (10 credit hours: compulsory courses + 8 credit hours: elective courses + 1 credit hour: Thesis proposal + 6 credit hours: Research)

Compulsory courses (10 credit hours)

	Course Code	Course Name	Credit hours
Level 1	ZOO 611	Applied Entomology and Parasitology	2 (2 + 0)
	ZOO 621	Advanced Aquatic Fauna	2 (2 + 0)
	ZOO 631	Comparative Reproductive Physiology	2 (2 + 0)
	ZOO 641	Advanced Cell Biology	2 (2 + 0)
	ZOO 671	Advanced Animal Ecology and pollution	2 (2 + 0)
Total	10		

Elective courses (8 credit hours)

	Course Code	Course Name	Credit hours
Level 2	ZOO 612	Advanced Entomology	2 (2 + 0)
	ZOO 613	Parasite culture	2 (2 + 0)
	ZOO 614	Selected Topics in Entomology or Parasitology	2 (2 + 0)
	ZOO 622	Aquatic vertebrates	2 (2 + 0)
	ZOO 623	Nutrient requirements and Metabolism in Fish	2 (2 + 0)
	ZOO 624	Bio-economics of Fishery Resources	2 (2 + 0)
	ZOO 635	Advanced Animal Behavior	2 (2 + 0)
	ZOO 637	Immunopathology	2 (2 + 0)
	ZOO 638	Advanced Topics in Physiology	2 (2 + 0)
	ZOO 639	Current topics in Developmental Biology	2 (2 + 0)
	ZOO 642	Advanced Cytology	2 (2 + 0)
	ZOO 643	Functional Histology	2 (2 + 0)
	ZOO 651	Molecular Genetics	2 (2 + 0)
	ZOO 672	Terrestrial Animal Ecology	2 (2 + 0)
	ZOO 673	Aquatic Animal Ecology	2 (2 + 0)
	ZOO 674	Advanced studies In Pollution	2 (2 + 0)
ZOO 691	Seminar	2 (2 + 0)	

Level 3

Course Code	Course Name	Credit hours
ZOO 699	Thesis proposal	1 (1 + 0)
COM 700	Comprehensive Exam	-

Level 4

Course Code	Course Name	Credit hours
ZOO 700	Thesis	6