

Taungoke University

B.Sc in Zoology

First Year					
Semester 1			Semester 2		
Module No.	Module Name	CP (L,P/T)	Module No.	Module Name	CP (L,P/T)
Foundation			Foundation		
Myan 1001	Myanmar	3(2,2)	Myan 1002	Myanmar	3(2,2)
Eng 1001	English	3(2,2)	Eng 1002	English	3(2,2)
Core			Core		
Zool 1101	Organization and Variety of Life	4(3,2)	Zool 1102	Life Processes and Homeostasis	4(3,2)
Elective (three courses)			Elective (three courses)		
Bot - 1001	Varieties of Plants and Their Relatives	3(2,2)	Bot - 1002	Importance of Plants	3(2,2)
Chem-1001	General Chemistry I	3(2,2)	Chem-1002	General Chemistry II	3(2,2)
Am-1001	Aspects of Myanmar	3(2,2)	Am-1002	Aspects of Myanmar	3(2,2)

Second Year					
Semester 1			Semester 2		
Module No.	Module Name	CP(L,T)	Module No.	Module Name	CP(L,T)
Courses		CP (L,P/T)	Courses		CP (L,P/T)
Foundation			Foundation		
Eng 2001	English	3(2,2)	Eng 2002	English	3(2,2)
Core			Core		
Zool-2101	Protista and Lower Invertebrates	4(3,2)	Zool-2111	Ichthyology	4(3,2)
Zool-2102	Mollusca	4(3,2)	Zool-2112	Herpetology	4(3,2)
Zool-2103	Arthropoda	4(2,2)	Zool -2113	Ornithology I	4(3,2)
Elective (two courses)			Elective (two courses)		
Zool-2104	Acoelomata and Coelomata	3(2,2)	Zool-2114	Mammalogy I	3(2,2)
Bot-2001	Botany	3(2,2)	Bot-2002	Botany	3(2,2)

Third Year					
Semester 1			Semester 2		
Module No.	Module Name	CP (L,P/T)	Module No.	Module Name	CP (L,P/T)
Foundation			Foundation		
Eng 3001	English	3(2,2)	Eng 3002	English	3(2,2)
Core			Core		
Zool -3101	Taxonomy and Nomenclature	4(3,2)	Zool -3111	Elementary Physiology	4(3,2)
Zool -3102	Ecology	4(3,2)	Zool -3112	Parasitology	4(3,2)
Zool -3103	Zoogeography	4(3,2)	Zool -3113	Entomology	4(3,2)
Zool -3104	Descriptive Statistics	4(3,2)	Zool -3114	Mendelian Genetics	4(3,2)
Elective			Elective		
Zool-3106	Animal Behaviour	3(2,2)	Zool-3116	Evolution	3(2,2)

Fourth Year					
Semester 1			Semester 2		
Module No.	Module Name	CP (L,P/T)	Module Name	Module Name	CP (L,P/T)
Foundation			Foundation		
Eng 4001	English	3(2,2)	Eng 4002	English	3(2,2)
Core			Core		
Zool - 4101	Molecular Cell Biology	4(3,2)	Zool -4111	Endocrinology	4(3,2)
Zool - 4102	Biodiversity and Conservation	4(3,2)	Zool -4112	Microbiology	4(3,2)
Zool - 4103	Environmental Science	4(3,2)	Zool -4113	Biotechnology	4(3,2)
Zool - 4104	Inferential Statistics	4(3,2)	Zool -4114	Aquaculture	4(3,2)
Elective			Elective		
Zool-4106	Molecular Genetics	3(2,2)	Zool-4116	Poultry Science and Management	3(2,2)

B.Sc. (Honours) in Zoology

Students who passed second year with GPA > 4 are eligible to attend B.Sc. (Honours) classes for three more years. After finished successfully, they earn B.Sc. (Hons) degree majoring in Zoology.

BSc (Honours) First Year

First Year Honours					
Semester 1			Semester 2		
Module No.	Module Name	CP (L,P/T)	Module No.	Module Name	CP (L,P/T)
Foundation			Foundation		
Eng 3001	English	3(2,2)	Eng 3002	English	3(2,2)
Core			Core		
Zool -3201	Taxonomy and Nomenclature	4(3,2)	Zool -3211	Elementary Physiology	4(3,2)
Zool -3202	Ecology	4(3,2)	Zool -3212	Parasitology	4(3,2)
Zool -3203	Zoogeography	4(3,2)	Zool -3213	Entomology	4(3,2)
Zool -3204	Descriptive Statistics	4(3,2)	Zool -3214	Mendelian Genetics	4(3,2)
Elective			Elective		
Zool-3206	Animal Behaviour*	3(2,2)	Zool-3216	Evolution*	3(2,2)
Math 3001		3(2,2)	Math 3003		3(2,2)

Second Year Honours					
Semester 1			Semester 2		
Module No.	Module Name	CP (L,P/T)	Module No.	Module Name	CP (L,P/T)
Foundation			Foundation		
Eng 4001	English	3(2,2)	Eng 4002	English	3(2,2)
Core			Core		
Phys 4201	Electronics	4(3,2)	Phys 4202	Electronics	4(3,2)
Zool -4201	Molecular Cell Biology	4(3,2)	Zool -4211	Endocrinology	4(3,2)
Zool -4202	Biodiversity and Conservation	4(3,2)	Zool -4212	Microbiology	4(3,2)
Zool -4203	Enviromental Science	4(3,2)	Zool -4213	Biotechnology	4(3,2)
Zool -4204	Inferential Statistics	4(3,2)	Zool -4214	Aquaculture	4(3,2)
Elective			Elective		
Zool-4206	Molecular Genetics	3(2,2)	Zool-4216	Poultry Science and Management	3(2,2)

Third Year Honours/ M.A. Qualifying					
Semester 1			Semester 2		
Module No.	Module Name	CP (L,P/T)	Module No.	Module Name	CP (L,P/T)
Core			Core		
Zool -5201	Embryology	4(3,2)	Zool -5207	Physiology	4(3,2)
Zool -5202	Endocrinology	4(3,2)	Zool -5208	Immunology	4(3,2)
Zool -5203	Biodiversity	4(3,2)	Zool -5209	Evolution	4(3,2)
Zool -5204	Virology and Bacteriology	4(3,2)	Zool -5210	Palaeontology	4(3,2)
Zool -5205	Research Methodology	4(3,2)	Zool -5211	Biotechnology	4(3,2)
Zool -5206	Linkage and Chromosome mapping	4(3,2)	Zool -5212	Biometry	4(3,2)