

Curriculum

First Year				
Course	Semester I		Semester II	
	Module No.	CP (L, P)	Module No.	CP (L, P)
Foundation	Myan-1001	3(2,2)	Myan-1002	3(2,2)
	Eng-1001	3(2,2)	Eng-1002	3(2,2)
	AM- 1001	3(2,2)	AM- 1002	3(2,2)
Core	Zool- 1101	4(3,2)	Zool- 1102	4(3,2)
Elective (two course)	Bot- 1001	3 (2,2)	Bot- 1002	3 (2,2)
	Chem- 1001	3 (2,2)	Chem- 1002	3 (2,2)

Second Year				
Course	Semester I		Semester II	
	Module No.	CP (L, P)	Module No.	CP (L, P)
Foundation	Eng- 2001	3 (2,2)	Eng- 2002	3 (2,2)
Core	Zool- 2101	4 (3,2)	Zool- 2111	4 (3,2)
	Zool- 2102	4 (3,2)	Zool- 2112	4 (3,2)
	Zool- 2103	4 (3,2)	Zool- 2113	4 (3,2)
Elective (two course)	Zool- 2104	3 (2,2)	Zool- 2114	3 (2,2)
	Zool- 2106	3 (2,2)	Zool- 2116	3 (2,2)

Third Year				
Course	Semester I		Semester II	
	Module No.	CP (L, P)	Module No.	CP (L, P)
Foundation	Eng- 3001	3 (2,2)	Eng- 3002	3 (2,2)
Core	Zool- 3101	4 (3,2)	Zool- 3111	4 (3,2)
	Zool- 3102	4 (3,2)	Zool- 3112	4 (3,2)
	Zool- 3103	4 (3,2)	Zool- 3113	4 (3,2)
	Zool- 3104	4 (3,2)	Zool- 3114	4 (3,2)
Elective (one course)	Zool- 3106	3 (2,2)	Zool- 3115	3 (2,2)

Fourth Year				
Course	Semester I		Semester II	
	Module No.	CP (L, P)	Module No.	CP (L, P)
Core	Zool- 4101	4 (3,2)	Zool- 4111	4 (3,2)
	Zool- 4102	4 (3,2)	Zool- 4112	4 (3,2)
	Zool- 4103	6 (9)	Zool- 4113	6 (9)
	Zool- 4104	8 (9)	Zool- 4114	8 (9)

First Year Honours				
Course	Semester I		Semester II	
	Module No.	CP (L, P)	Module No.	CP (L, P)
Foundation	Eng- 3001	3 (2,2)	Eng- 3002	3 (2,2)
Core	Zool- 3201	4 (3,2)	Zool- 3211	4 (3,2)
	Zool- 3202	4 (3,2)	Zool- 3212	4 (3,2)
	Zool- 3203	4 (3,2)	Zool- 3213	4 (3,2)
	Zool- 3204	4 (3,2)	Zool- 3214	4 (3,2)
Elective (two course)	Zool- 3205	3 (2,2)	Zool- 3215	3 (2,2)
	Zool- 3206	3 (2,2)	Zool- 3216	3 (2,2)

Second Year Honours				
Course	Semester I		Semester II	
	Module No.	CP (L, P)	Module No.	CP (L, P)
Core	Zool- 4201	4 (3,2)	Zool- 4113	4 (3,2)
	Zool- 4202	4 (3,2)	Zool- 4114	4 (3,2)
	Zool- 4203	6		6
	Zool- 4204	8		8

Third Year Honours				
Course	Semester I		Semester II	
	Module No.	CP (L, P)	Module No.	CP (L, P)
Core	Zool- 5201	4 (3,2)	Zool- 5207	4 (3,2)
	Zool- 5202	4 (3,2)	Zool- 5208	4 (3,2)
	Zool- 5203	4 (3,2)	Zool- 5209	4 (3,2)
	Zool- 5204	4 (3,2)	Zool- 5210	4 (3,2)
	Zool- 5205	4 (3,2)	Zool- 5211	4 (3,2)
	Zool- 5206	4 (3,2)	Zool- 5212	4 (3,2)

Qualifying				
Course	Semester I		Semester II	
	Module No.	CP (L, P)	Module No.	CP (L, P)
Core	Zool- 5201	4 (3,2)	Zool- 5207	4 (3,2)
	Zool- 5202	4 (3,2)	Zool- 5208	4 (3,2)
	Zool- 5203	4 (3,2)	Zool- 5209	4 (3,2)
	Zool- 5204	4 (3,2)	Zool- 5210	4 (3,2)
	Zool- 5205	4 (3,2)	Zool- 5211	4 (3,2)
	Zool- 5206	4 (3,2)	Zool- 5212	4 (3,2)

First Year Master				
Course	Semester I		Semester II	
	Module No.	CP (L, P)	Module No.	CP (L, P)
Core	Zool-611	4 (4,2)	Zool- 621	4 (4,2)
	Zool-612	4 (4,2)	Zool- 622	4 (4,2)
	Zool-613	4 (4,2)	Zool- 623	4 (4,2)
	Zool-614	4 (4,2)	Zool- 624	4 (4,2)

Second Year Master				
Course	Semester I		Semester II	
	Module No.	CP (L, P)	Module No.	CP (L, P)
Core	Zool-631	4	Zool- 641	8
	Zool-632	4	Zool- 642	8
	Zool-633	4		
	Zool-634	4		

Module Name

First Year

Myan- 1001	မြန်မာစာ
Eng- 1001	English
AM- 1001	Aspects of Myanmar
Zool- 1101	Principle of Zoology I
Bot- 1001	Varieties of Plants and Their Relatives
Chem- 1001	General Chemistry I
Myan- 1002	မြန်မာစာ
Eng- 1002	English
AM- 1002	Aspects of Myanmar
Zool- 1102	Principle of Zoology II
Bot- 1002	Importance of Plants
Chem- 1002	General Chemistry II

Second Year

Eng- 2001	English
Zool- 2101	Protista and Lower Invertebrates
Zool- 2102	Mollusca
Zool- 2103	Arthropoda
Zool- 2104	Acoelomata and Coelomata
Zool- 2106	Echinodermata
Eng- 2002	English
Zool- 2111	Ichthyology
Zool- 2112	Herpetology
Zool- 2113	Ornithology
Zool- 2114	Mammalogy
Zool- 2116	Comparative anatomy

Third Year

Eng- 3001	English
Zool- 3101	Taxonomy and Nomenclature
Zool- 3102	Ecology
Zool- 3103	Zoogeography
Zool- 3104	Descriptive Statistics
Zool- 3106	Animal behaviour
Eng- 3002	English
Zool- 3111	Elementary Physiology
Zool- 3112	Parasitology
Zool- 3113	Entomology
Zool- 3114	Research Methodology I
Zool- 3115	Toxicology

Fourth Year

Zool-4101	Microbiology/ Biotechnology I
Zool-4102	Aquaculture/ Poultry Science and Management
Zool-4103	Title Defense and Research Outline Presentation
Zool-4104	Research Progress Report and Presentation
Zool- 4111	Molecular Cell Biology/ Molecular Genetics/ Embryology I
Zool- 4112	Environmental Science, Biodiversity and Conservation/ Endocrinology and Immunology
Zool- 4113	Research Progress Presentations
Zool- 4114	Project Paper Submission and Defense

First Year Honours

Eng- 3001	English
Zool- 3201	Taxonomy and Nomenclature
Zool- 3202	Ecology
Zool- 3203	Zoogeography
Zool- 3204	Descriptive Statistics
Zool- 3206	Animal behaviour
Eng- 3002	English
Zool- 3211	Elementary Physiology
Zool- 3212	Parasitology
Zool- 3213	Entomology
Zool- 3214	Research Methodology I
Zool- 3215	Toxicology

Second Year Honours

Zool-4201	Microbiology/ Biotechnology
Zool-4202	Aquaculture/ Poultry Science and Management
Zool-4203	Title Defense and Research Outline Presentation
Zool-4204	Research Progress Report and Presentation
Zool- 4211	Molecular Cell Biology/ Molecular Genetics/ Embryology I
Zool- 4212	Environmental Science, Biodiversity and Conservation/ Endocrinology and Immunology
Zool- 4213	Research Progress Presentations
Zool- 4214	Project Paper Submission and Defense

Third Year Honours

Zool-5201	Embryology II
Zool-5202	Endocrinology
Zool-5203	Biodiversity
Zool-5204	Virology & Bacteriology
Zool-5205	Research Methodology II
Zool-5206	Linkage and Chromosome Mapping
Zool-5207	Physiology
Zool-5208	Immunology
Zool-5209	Evolution II
Zool-5210	Palaeontology II
Zool-5211	Biotechnology II
Zool-5212	Biometry

Qualifying

Zool-5201	Embryology II
Zool-5202	Endocrinology
Zool-5203	Biodiversity
Zool-5204	Virology & Bacteriology
Zool-5205	Research Methodology II
Zool-5206	Linkage and Chromosome Mapping
Zool-5207	Physiology
Zool-5208	Immunology
Zool-5209	Evolution II
Zool-5210	Palaeontology II
Zool-5211	Biotechnology II
Zool-5212	Biometry

First Year Master

Zool-611	Zoological Nomenclature and Postgraduate Study in the Biological Science
Zool-612	Zoogeography and Ecology
Zool-613	Quantitative and Population Genetics
Zool-614	Developmental Biology
Zool- 621	Animal Physiology and Endocrinology
Zool- 622	Environmental Studies and Conservation Management
Zool- 623	Evolutionary Biology and Animal Behaviour
Zool- 624	Invertebrate Immunology

Second Year Master

Zool-631 Proposal Submission

Research
activities I

Zool-632 Research Outline and Presentation (Title Defense)

Research
activities II

Zool-633 Presentation for Research Progress I

Research
activities III

Zool-634 Research Progress Report

Research
activities IV

Zool- 641 Presentation for Research Progress II

Research
activities V

Zool- 642 Thesis and Viva Voce

Research
activities VI