

**UNIVERSITY OF JAMMU
COURSE STRUCTURE FOR MASTERS
DEGREE PROGRAMME IN ZOOLOGY**

**The Courses of study prescribed for 1st to 4th semesters/ Master's Degree Programme under CBCS
in the subject of Zoology (Session 2021-23)**

Semester	Course Code	Course Title	Credits	Nature of Course	% of Change	
I	PSZOTC-101	Ecology & Environmental Biology	4	CORE	20 %	
	PSZOTC-102	Fundamentals of Genetics	4	CORE	25 %	
	PSZOTC-103	Ichthyology	4	CORE	10 %	
	PSZOTC-104	Immunology	2	CORE	35 % (Newly introduced)	
	PSZOTC-105	An Introduction to Insect Diversity	2	CORE	30 %	
	PSZOPC-106	Lab Course -I	4	PRACTICAL	25 %	
	PSZOPC-107	Lab Course -II	4	PRACTICAL	30 %	
	Total credits		24			
	PSZOPC-106 Based on Theory Course No.101 & 103 PSZOPC-107 Based on Theory Course No.102, 104 & 105					
II	PSZOTC-201	Cell Biology & Research Instrumentation	4	CORE	30 %	
	PSZOTC-202	Functional Anatomy of Animals	4	CORE	10 %	
	PSZOTC-203	Basic Endocrinology	4	CORE	15 %	
	PSZOTC-204	Biotechnology	2	CORE	25 %	
	PSZOTC-205	Biodiversity, Conservation & Management	2	CORE	50% Newly introduced	
	PSZOPC-206	Lab Course -I	4	PRACTICAL	30%	
	PSZOPC-207	Lab Course -II	4	PRACTICAL	25%	
	Total credits		24			
	PSZOPC-206 Based on Theory Course No.201 & 203 PSZOPC-207 Based on Theory Course No.202, 204 & 205					
III	PSZOTC-301	Animal Physiology	4	CORE	10 %	
	PSZOTC-302	Fundamentals of Biochemistry	4	CORE	10%	
	PSZOTC-303	Biosystematics, Taxonomy & Evolution	4	CORE	10%	
	PSZOTO-304	*MOOC through SWAYAM portal	4	MOOC	New introduction	
	PSZOPC-305	Lab Course -I	4	PRACTICAL	30 %	
	PSZOPC-306	Lab Course -II	4	PRACTICAL	25 %	
	Total credits		24			
	PSZOPC-305 Based on Theory Course No.301 PSZOPC-306 Based on Theory Course No.302 & 303					
IV	PSZOTC-401	Reproductive & Developmental Biology	4	CORE	10 %	
	PSZOTC-402	Aquaculture	2	CORE	50 % (Newly introduced)	
	PSZOTC-403	Microbiology	2	CORE	30 %	
	<i>Any one of the following elective courses</i>					
	PSZOTE-404	Limnology	4	ELECTIVE	30%	
	PSZOTE-405	Fish & fisheries	4	ELECTIVE	30%	
	PSZOTE-406	Molecular Genetics & Cytogenetics	4	ELECTIVE	30%	
	PSZOTE-407	Entomology	4	ELECTIVE		
	PSZOTO-408	*Biological Anthropology	4	OPEN		
	PSZOPC-409	Lab Course -I	4	PRACTICAL	40 %	
PSZOPC-410	Lab Course -II	4	PRACTICAL	25 %		
	Total credits		24			
	PSZOPC-409 Based on Theory Course No.401, 402 & 403 PSZOPC-410 Based on Theory Course No.404/405/406/407					
	Total credits earned by the students		96			

*For students of other Departments.

(Head of the Department)

DAC members

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