

UNIVERSITY OF JAMMU
COURSE STRUCTURE FOR MASTERS DEGREE
PROGRAMME IN ZOOLOGY

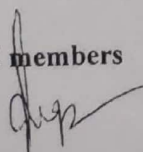
The Courses of study prescribed for 1st to 4th semesters/ Master's Degree Programme
under CBCS in the subject of Zoology (Session 2023-25)

Semester	Course Code	Course Title	Credits	Nature of Course	% of Change	
I			4	CORE	20 %	
	PSZOTC-101	Ecology & Environmental Biology	4	CORE	25 %	
	PSZOTC-102	Fundamentals of Genetics	4	CORE	10 %	
	PSZOTC-103	Ichthyology	2	CORE	35 % (Newly introduced)	
	PSZOTC 104	Immunology	2	CORE	30 %	
	PSZOTC-105	An Introduction to Insect Diversity	4	PRACTICAL	25 %	
	PSZOPC-106	Lab Course -I	4	PRACTICAL	30 %	
	PSZOPC-107	Lab Course -II				
	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	
			4	PRACTICAL	30%	
	PSZOPC-206	Lab Course -I	4	PRACTICAL	25%	
	PSZOPC-207	Lab Course -II	4	PRACTICAL		
	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	25%	
	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 %	
	PSZOTC-307	Eco-friendly pest management	2	VALUE ADDED COURSE	100% Newly Introduced	
	Total credits			26		
	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		Applied 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 %	
PSZODC-411		Dissertation	6	FIELD PROJECT/ DISSERTATION	100% Newly Introduced	
Total credits			30			
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			104			

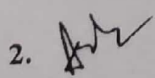
*For the students of other departments

DAC members

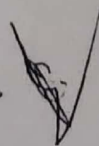
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