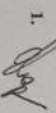
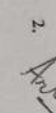
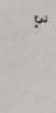





UNIVERSITY OF JAMMU
COURSE STRUCTURE FOR MASTERS DEGREE PROGRAMME
IN ZOOLOGY
 The Courses of study prescribed for 1st to 4th semesters/ Master's Degree Programme under CBCS in the
 subject of Zoology (Session 2022-24)

| 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 | | | |
| II | PSZOPC-106 Based on Theory Course No.101 & 103 | | | | | |
| | PSZOPC-107 | Cell Biology & Research Instrumentation | 4 | CORE | 30% | |
| | PSZOTC-201 | Functional Anatomy of Animals | 4 | CORE | 10% | |
| | PSZOTC-202 | Basic Endocrinology | 4 | CORE | 15% | |
| | PSZOTC-203 | Biotechnology | 2 | CORE | 25% | |
| | PSZOTC-204 | Biodiversity, Conservation & Management | 2 | CORE | 50% Newly introduced | |
| | PSZOPC-205 | Lab Course -I | 4 | PRACTICAL | 30% | |
| | PSZOPC-206 | Lab Course -II | 4 | PRACTICAL | 25% | |
| | Total credits | | | 24 | | |
| | III | PSZOPC-206 Based on Theory Course No.201 & 203 | | | | |
| PSZOPC-207 | | Animal Physiology | 4 | CORE | 10% | |
| PSZOTC-301 | | Fundamentals of Biochemistry | 4 | CORE | 10% | |
| PSZOTC-302 | | Biostatistics, Taxonomy & Evolution | 4 | CORE | 10% | |
| PSZOTC-303 | | *MOOC through SWAYAM portal | 4 | MOOC | New introduction | |
| PSZOTC-304 | | Lab Course -I | 4 | PRACTICAL | 30% | |
| PSZOPC-305 | | Lab Course -II | 4 | PRACTICAL | 25% | |
| PSZOPC-306 | | Ecofriendly Pest Management | 2 | VALUE ADDED COURSE | New | |
| PSZOTC-307 | | Aquarium Fish keeping | 2 | | Introduction 100% | |
| PSZOTE-308 | | | 2 | | | |
| Total credits | | | 26 | | | |
| IV | PSZOPC-305 Based on Theory Course No.301 | | | | | |
| | PSZOPC-306 | Reproductive & Developmental Biology | 4 | CORE | 10% | |
| | PSZOTC-401 | Aquaculture | 2 | CORE | 50% (Newly introduced) | |
| | PSZOTC-402 | Microbiology | 2 | CORE | 30% | |
| | *Any one of the following elective courses | | | | | |
| | 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 | | | |
| PSZOTE-408 | *Biological Anthropology | 4 | OPEN | 40% | | |
| PSZOPC-409 | Lab Course -I | 4 | PRACTICAL | 40% | | |
| PSZOPC-410 | Lab Course -II (Project / Field Report) | 4 | PRACTICAL | 25% | | |
| PSZODC-411 | Dissertation | 6 | | | | |
| Total credits | | | 30 | | | |
| Total credits earned by the students | | | 104 | | | |

*For students of other Departments.

DAC members

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 Head of the Department
 Department of Zoology
 University of Jammu