

UNIVERSITY OF JAMMU
COURSE STRUCTURE FOR MASTER'S 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 2016-18)

| Semester | Course Code | Course Title | Credits | Nature of Course |
|---|--|--|-----------|------------------|
| I | PSZOTC-101 | Ecology & Environmental Biology | 4 | CORE |
| | PSZOTC-102 | Ichthyology | 4 | CORE |
| | PSZOTC-103 | Fundamentals of Biochemistry | 4 | CORE |
| | PSZOTC-104 | Genetics and Cytogenetics | 4 | CORE |
| | PSZOPC-105 | Lab Course -I | 4 | PRACTICAL |
| | PSZOPC-106 | Lab Course -II | 4 | PRACTICAL |
| | Total credits | | | 24 |
| PSZOPC-105 Based on Theory Course No.101 & 102 PSZOPC-106 Based on Theory Course No.103 & 104 | | | | |
| II | PSZOTC- 201 | Basic Endocrinology | 4 | CORE |
| | PSZOTC-202 | Cell and Molecular Biology | 4 | CORE |
| | PSZOTC-203 | Functional Anatomy of Animals | 4 | CORE |
| | PSZOTC-204 | Insect Diversity and Physiology | 4 | CORE |
| | PSZOPC-205 | Lab Course -I | 4 | PRACTICAL |
| | PSZOPC-206 | Lab Course -II | 4 | PRACTICAL |
| | Total credits | | | 24 |
| PSZOPC-205 Based on Theory Course No.201 & 202 PSZOPC-206 Based on Theory Course No.203 & 204 | | | | |
| III | PSZOTC-301 | Animal Physiology | 4 | CORE |
| | PSZOTC-302 | Biotechnology and Microbiology | 4 | CORE |
| | <i>Any one of the following elective courses</i> | | | |
| | PSZOTC-303 | Cell Biology and Cytogenetics-I | 4 | CORE |
| | PSZOTE-304 | Fish and Fisheries-I | 4 | ELECTIVE |
| | PSZOTE-305 | Limnology-I | 4 | ELECTIVE |
| | PSZOTE-306 | Entomology-I | 4 | ELECTIVE |
| | PSZOTE-307 | Wildlife Biology, Conservation and Management-I | 4 | ELECTIVE |
| | PSZOTE-308* | *Economic Zoology | 4 | OPEN |
| | PSZOPC-309 | Lab Course -I | 4 | PRACTICAL |
| | PSZOPC-310 | Lab Course -II | 4 | PRACTICAL |
| Total credits | | | 24 | |
| PSZOPC-309 Based on Theory Course No.301 & 302 PSZOPC-310 Based on Theory Course No.303/304/ 305/306/307 | | | | |
| IV | PSZOTC-401 | Reproductive & Developmental Biology | 4 | CORE |
| | PSZOTC-402 | Biosystematics, Taxonomy and Evolution | 4 | CORE |
| | <i>Any one of the following elective courses</i> | | | |
| | PSZOTE-403 | Cell Biology and Cytogenetics-II | 4 | ELECTIVE |
| | PSZOTE- 404 | Fish and Fisheries-II | 4 | ELECTIVE |
| | PSZOTE- 405 | Limnology-II | 4 | ELECTIVE |
| | PSZOTE-406 | Entomology-II | 4 | ELECTIVE |
| | PSZOTE-407 | Wildlife Biology, Conservation and Management-II | 4 | ELECTIVE |
| | PSZOTE- 408* | *Biological Anthropology | 4 | OPEN |
| | PSZOPC-409 | Lab Course -I | 4 | PRACTICAL |
| | PSZOPC-410 | Lab Course -II | 4 | PRACTICAL |
| Total credits | | | 24 | |
| PSZOPC-409 Based on Theory Course No.401 & 402 PSZOPC-410 Based on Theory Course No.403/404/405/406/407 | | | | |
| Total credits earned by the students | | | 96 | |

*For students of other Departments.

(Head of the Department)

DAC members

- 1.
- 2.
- 3.
- 4.

