Department of Zoology

Rajbari Govt College, Rajbari

(Four-Year Hons and Masters Syllabus)

***Hons First Year***

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| --- | --- | --- | --- |
| Code | Course Title | Marks | Credits |
| 213101 | Introduction to Zoology | 100 | 4 |
| 213103 | Animal Diversity -I: Protozoa and Non - chordates | 100 | 4 |
| 213104 | Zoology Practical - I | 100 | 4 |
| 212807 | Chemistry - I | 100 | 4 |
| 212808 | Chemistry Practical - I | 50 | 2 |
| 213007 | Botany- I | 100 | 4 |
| 213008 | Botany Practical - I | 50 | 2 |
| 211501 | History of the Emergence of Independent Bangladesh | 100 | 4 |
| Total marks and credits | 700 | 28 |

***Honours 2nd Year***

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| --- | --- | --- | --- |
| Code | Course Title | Marks | credits |
| 223101 | Animal Diversity - II: Lower chordates and Chordates | 100 | 4 |
| 223103 | Comparative Anatomy: Protozoa, Non - chordates and Chordates | 100 | 4 |
| 223105 | Environmental Biology | 100 | 4 |
| 223106 | Zoology Practical - II | 100 | 4 |
| 223007 | Botany- II | 100 | 4 |
| 223008 | Botany Practical - II | 50 | 2 |
| 222807 | General Chemistry - II | 100 | 4 |
| 222809 | Environmental Chemistry | 50 | 2 |
| 221109 | English ( Compulsory) | 100 | 4 |
| Total marks and credits | 800 | 32 |

***Honours 3rd Year***

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| --- | --- | --- | --- |
| Code | Course Title | Marks | credit |
| 233101 | Evolution, Palaeontology and Zoogeography | 100 | 4 |
| 233103 | Ecology | 100 | 4 |
| 233105 | Genetics and Animal Breeding | 100 | 4 |
| 233107 | Development Biology and Ethology | 100 | 4 |
| 233109 | Human Physiology | 100 | 4 |
| 233111 | Systematics, Demography and Family Planning | 100 | 4 |
| 233113 | Cell and Molecular Biology | 100 | 4 |
| 233114 | Zoology Practical - III | 100 | 4 |
| Total marks and credits | 800 | 32 |

***Honours 4th Year***

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|  Code |  Course Title | Marks | credit |
| 243101 | Applied and Economics Zoology | 100 | 4 |
| 243103 | Genetic Engineering and Biotechnology | 100 | 4 |
| 323105 | Biostatistics and Research Methodologies | 100 | 4 |
| 243107 | Microbiology and Radiation Biology | 100 | 4 |
| 243109 | Parasitology | 100 | 4 |
| 243111 | Entomology | 100 | 4 |
| 243113 | Fisheries Biology | 100 | 4 |
| 243115 | Wildlife Biology | 100 | 4 |
| 243116 | Zoology Practical - IV | 100 | 4 |
| 243118 | Viva-voce | 100 | 4 |
| Total marks and credits | 1000 | 40 |

***M.Sc. (Final) Course (Fisheries)***

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| --- | --- | --- | --- |
| Code | Course Title | Marks | credit |
| 313101 | Advance Biology | 100 | 4 |
| 313115 | Fish Taxonomy Fish Physiology and Ichthyology | 100 | 4 |
| 313117 | Fish Biology, Aquaculture nutrition and Population dynamics | 100 | 4 |
| 313119 | Fish Ecology, Fish limnology and Oceanography | 100 | 4 |
| 313121 | Aquaculture and Fisheries Technology & Harvesting | 100 | 4 |
| 313123 | Fish Processing & Handling, Fisheries resources & Management and | 100 | 4 |
| Extension, Economics, Rural sociology, Marketing& Cooperation | 100 | 4 |
| 313125 | Fish Genetic and Fish Pathology & Parasitology | 100 | 4 |
| 313126 | Practical | 150 | 6 |
| 313128 | Viva-voce |  | 2 |
| (Field record and practical Note BooK) |
| Total marks and credits | 1000 | 40 |