

B.Sc Biotechnology Honours

| Sem | Core Courses(14) | Ability Enhancement Compulsory Course (2) | Skill Enhancement Courses (2) | Discipline Specific Elective Courses (4) | Generic Elective Courses (4) |
|-----|----------------------------------|---|-------------------------------|--|------------------------------|
| I | C1-Basic Concept of Biology | Environmental Science-I | | | Fundamentals of Chemistry |
| | C2- Basics of Microbiology | Audit Course --1 | | | Biostatistics |
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| II | C3-Fundamentals of Biotechnology | Environmental Science-II | | | Fundamentals of Computers |
| | C4- Biochemistry-1 | Audit Course --2 | | | Fundamentals of Physics |
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| III | C5-Cell Biology | | | | Research Methodology |
| | C6- Genetics | | Food Science & Nutrition | | Entrepreneurship Development |
| | C7- Molecular Biology | | Food Adultration & Safety | | |
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| IV | C8-Immunology | | Biofertilizer Production | | Developmental Biology |
| | C9-Genetic Engineering | | Mushroom Cultivation | | Bioethics and Biosafety |
| | C10-Medical Microbiology | | | | |
| V | C11-Biochemistry-2 | | | Research Project | |
| | C12- Bio-analytical Techniques | | | Plant & Animal Biotechnology | |
| | | | | Basic Pharmacology & Toxicology | |
| | | | | Evolution & Ecology | |
| VI | C13- Regulation, Genomes & Omics | | | Agribiotechnology | |
| | C14-Bioprocess Technology | | | Marine Biotechnology | |
| | | | | Environmental Biotechnology | |
| | | | | Bioinformatics | |

Credits 14x 6 = 84

2x 4=8

2x4=8

4x6=24

4x6=24

TotalCredits = 148