

**The integrated MSc Biology majors syllabus consists of** Biology-I (B101): Fundamentals of Biology , Biology II (B102): Ecology and Evolution, Biology III (B201): Classification, Inheritance and Gene expression, Biology IV (B202): Biological processes, Biochemistry (B301), Cell Biology-I (B302), Biochemistry-II (B401), Molecular Biology (B402), Biostatistics (B403), Genetics (B501), Advanced Cell Biology (B502), Biodiversity (B503), Immunology-I (B601), Animal Physiology (B602), Plant Physiology (B603), Microbiology (B604), Biotechnology-I (B701), Immunology-II (B702), Developmental Biology (B703), Imaging Technology in Biological Research (B704), Reading Project (BPr701), Virology (B801), Neurobiology B 802, Bioinformatics (B803), Biotechnology-II (B804), Research Project (BPr801), MSc Dissertation Project (BPr901), Biology Lab-I (BL101): Introduction to Experimental Biology, Biology Lab-II (BL201): Introduction to Molecular Biology Lab, Biology Lab (BL301): Cell Biology Laboratory, Biology Lab. (BL401): Biology Laboratory, Biology Lab. (BL501), Biology Lab. (BL601): Microbiology, Plant Physiology & Immunology, Biology Lab. (BL701): Developmental Biology & Biotechnology, Advanced Biology Lab. (BL801): Neurobiology, Plant and Industrial Biotechnology, Advanced Techniques in Biology (BE1002), Cancer Biology (BE1004), Advanced Techniques Lab. (BEL1001)

**Elective Courses Offered:** Molecular Modelling and Drug Design, Advanced Methods in Biology, Protein Folding and Conformational Diseases, Cancer Biology, Metabolism and Metabolic Disorders, Advanced Genetics, Epigenetics, Forensic Science, Reproductive Biology, Synthetic Biology, Nanoscience, Parasitology, Clinical Biology, Plant Pathology, Industrial Biotechnology, Transgenic, Biophysics, and Astrobiology