



Course Contents for Subjects with Code: BIO

This document only contains details of courses having code **BIO**.



Code	Subject Title	Cr. Hrs	Semester
BIO-111	Biology-I	3	II
Year	Discipline		
1	Chemistry-II		

Biological Methods, Principles of Cellular Life, Chemical Basis, Structure and Function, Principles of Metabolism, Energy Acquisition, Principles of Inheritance, Mitosis and Meiosis, Chromosomes, Observable Inheritance Patterns, DNA Structure and Function, RNA and Proteins, Genes, Genetic, Engineering and Biotechnology, Biodiversity, Fundamental Concept of Biodiversity, One or two examples of each of the following from commonly, found organism, Prions, Viruses, Bacteria, Protistans, Algae, Fungi, Plants, Crops, Animals, Invertebrates, Vertebrates

Recommended Books:

1. Roberts, M.M., Reiss and G. Monger. 2000. Advanced Biology, Nelson.
 2. Starr, C, and R, Taggart, 2001. Biology: The Unity and Diversity of Life Brooks and Cole.
 3. Campbell, N.A., J.B, Reece, L.G. Mitchell, M.R, Taylor. 2001. Biology: Concepts and Connections. Prentice-Hall
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