

Biology Scope and Sequence

1. Introduction
2. The Composition and Chemistry of Life
3. Basic Biochemistry of the Molecules of Life
4. Introduction to the Cell and Cell Membrane
5. The Cell Interior and Function
6. Metabolism Overview and Enzymes
7. Photosynthesis
8. Cellular Respiration
9. DNA, RNA, and Proteins
10. Cell Reproduction: Mitosis
11. Organism Reproduction: Binary Fission, Budding, and Meiosis
12. Genes and Heredity
13. Inheritance Patterns
14. Genetic Variation
15. Human Genetics
16. DNA Technology
17. Introduction to the Creation and Evolution Origins Models
18. Evolution: History and Present State
19. From Fossils to neo-Darwinism
20. Biological Classification and Viruses
21. Kingdoms Bacteria and Archaea
22. Kingdom Protista
23. Kingdom Fungi
24. Plants: Introduction, Structure and Function
25. Plants: Physiology, Reproduction, and Classification
26. Kingdom Animalia I
27. Kingdom Animalia II
28. Kingdom Animalia III
29. Kingdom Animalia IV
30. Human Anatomy and Physiology I
31. Human Anatomy and Physiology II
32. Human Anatomy and Physiology III
33. Human Anatomy and Physiology IV
34. Ecology