UNIT ONE Chemistry and Cells
Chapter 2
Are We Alone in the Universe?
Water, Biochemistry, and Cells

Chapter 3
Diet
Cells and Metabolism

Chapter 4
Life in the Greenhouse
Photosynthesis, Cellular Respiration and Global Warming

UNIT TWO Genetics
Chapter 5
Cancer
DNA Synthesis, Mitosis, and Meiosis

Chapter 6
Are You Only As Smart As Your Genes?
Mendelian and Quantitative Genetics

Chapter 7
DNA Detective
Complex Patterns of Inheritance and DNA Fingerprinting

Chapter 8
Genetically Modified Organisms
Gene Expression, Mutation, and Cloning

UNIT THREE Evolution
Chapter 9
Where Did We Come From?
The Evidence for Evolution

Chapter 10
An Evolving Enemy
Natural Selection

Chapter 11
Who Am I?
Species and Races

Chapter 12
Prospecting for Biological Gold
Biodiversity and Classification

UNIT FOUR Ecology
Chapter 13
Is the Human Population Too Large?
Population Ecology

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Conserving Biodiversity
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Chapter 15
Where Do You Live?
Climate and Biomes

UNIT FIVE Animal Structure And Function
Chapter 16
Organ Donation
Tissues, Organs, and Organ Systems

Chapter 17
Clearing the Air
Respiratory, Cardiovascular, and Excretory Systems

Chapter 18
Will Mad Cow Disease Become an Epidemic?
Immune System, Bacteria, Viruses, and Other Pathogens

Chapter 19
Sex Differences and Athleticism
Endocrine, Skeletal, and Muscular Systems

Chapter 20
Is There Something in the Water?
Reproductive and Developmental Biology

Chapter 21
Attention Deficit Disorder
Brain Structure and Function

UNIT SIX Plant Biology
Chapter 22
Feeding the World
Plant Structure and Growth

Chapter 23
Growing a Green Thumb
Plant Physiology

This textbook is available in two versions:
Biology: Science for Life with Physiology, Third Edition (0-321-55958-4) an expanded version of the text contains of Chapters 1-23: the fifteen chapters noted above, plus eight chapters on animal and plant anatomy and physiology.