2: How We See the Invisible World

• 3: The Cell

Bacteria
- Prokaryotes
- Cyanobacteria
- Actinobacteria
- Deinococci
- Archaea
- Green
- Purple
- Marine

Phylogenetic Tree

• 4: Prokaryotic Diversity

• 5: The Eukaryotes of Microbiology
6: Acellular Pathogens

7: Microbial Metabolism

8: Microbial Growth

9: Mechanisms of Microbial Genetics
10: Modern Applications of Microbial Genetics

• 11: Innate Nonspecific Host Defenses

• 12: Specific Adaptive Host Defenses

• 13: Diseases of the Immune System
14: Microbial Mechanisms of Pathogenicity

15: Disease and Epidemiology

16: Control of Microbial Growth

17: Antimicrobial Drugs
21: Appendix A - Biochemistry Review

22: Appendix B - Molecular Genetics Review

23: Appendix C - Human Anatomy