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Nota di contenuto	1. Biology and its themes -- Unit 1 The role of chemistry in biology -- 2. Atoms and molecules -- 3. The chemistry of water -- Carbon: the basics of moleculsr diversity -- 5. Biological macromolecules and lipids -- 6. Energy and life -- Unit 2 Cell biology -- 7. Cell structure and function -- 8. Cell membranes -- 9. Cellular signaling -- 10. Cell respiration -- 11. Photosynthetic processes -- 12. Mitosis -- Unit 3 The genetic basis of life -- 13. Sexual life cycles and meiosis -- 14. Mendelian genetics -- 15. Linkage and chromosomes -- 16. Nucleic acids and inheritance -- 17. Expression of genes -- 18. Control of gene expression -- 19. DNA technology -- 20. The evolution of genomes -- Unit 4 Evolution -- 21. How evolution works -- 22. Phylogenetic reconstruction -- 23. Microevolution -- 24. Species and speciation -- 25. Macroevolution -- Unit 5 The diversity of life -- 26. Introduction to viruses -- 27. Prokaryotes -- 28. The origin and evolution of eukaryotes -- 29. Nonvascular and seedless vascular plants -- 30. Seed plants -- 31. Introduction to fungi -- 32. An

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Sommario/riassunto	The 11th edition of the best-selling Biology: A Global Approach, global edition, sets students on the path to success in biology through its clear and engaging narrative, superior skills instruction, innovative use of art and photos, and fully integrated media resources to enhance teaching and learning. To engage learners in developing a deeper understanding of biology, the 11th edition challenges them to apply their knowledge and skills to a variety of new hands-on activities and exercises in the text and online. Content updates throughout the text reflect rapidly evolving research, and new learning tools include Problem-Solving Exercises, Visualizing Figures, Visual Skills Questions, and more.