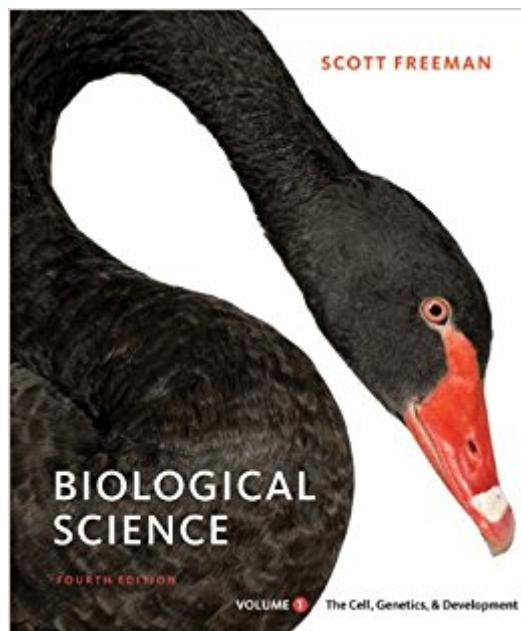


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# Biological Science Volume 1 (4th Edition)



## Synopsis

Supports and motivates you as you learn to think like a biologist. Building upon Scott Freeman's unique narrative style that incorporates the Socratic approach and draws you into thinking like a biologist, the Fourth Edition has been carefully refined to motivate and support a broader range of learners as they are introduced to new concepts and encouraged to develop and practice new skills. Each page of the book is designed in the spirit of active learning and instructional reinforcement, equipping novice learners with tools that help them advance in the course—from recognizing essential information in highlighted sections to demonstrating and applying their understanding of concepts in practice exercises that gradually build in difficulty.

## Book Information

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## Customer Reviews

Scott Freeman Scott Freeman received his Ph.D. in Zoology from the University of Washington and was subsequently awarded an Alfred P. Sloan Postdoctoral Fellowship in Molecular Evolution at Princeton University. His current research focuses on the scholarship of teaching and learning and he recently published two papers on his work: (1) how active learning and peer teaching techniques increase student learning and improve performance in introductory biology (Freeman, S., E. O'Connor, J.W. Parks, M. Cunningham, D. Hurley, D. Haak, C. Dirks, and M.P. Wenderoth. 2007. Prescribed active learning increases performance in introductory biology. CBE—Life Sciences Education 6: 132-139.); and (2) how the levels of exam questions vary

among introductory biology courses, standardized post-graduate entrance exams, and professional school courses (Zheng, A.Y., J.K. Lawhorn, T. Lumley, and S. Freeman. 2007. Applications of Bloom's Taxonomy Debunks the MCAT Myth. *Science* 25 January 2008: 414-415). Kim Quillin, Illustrator, Kim Quillin, combines expertise in biology and information design to create lucid visual representations of biological principles. She received her B.A. in Biology at Oberlin College and her Ph.D. in Integrative Biology from the University of California, Berkeley (as a National Science Foundation Graduate Fellow), and has taught undergraduate biology at both schools. Students and instructors alike have praised Kim's illustration programs for *Biological Science*, as well as *Biology: A Guide to the Natural World*, by David Krogh, and *Biology: Science for Life*, by Colleen Belk and Virginia Borden, for their success at the visual communication of biology. Kim is a lecturer in the Department of Biological Sciences at Salisbury University.

I've only been using this book for 2 weeks and I already enjoy it, which is a big thing to say for a textbook. The last general bio book I had was full of information that drowned out the overall point each section within the chapter was trying to bring. It was full of biochem and technical talk that wasn't needed for this level of class. Freeman's book brings a refreshing approach to writing about biology. Each chapter and section within each chapter, provides the student with the "meat and bones" of what they need to know. It's not hard to comprehend the take home message and to see how each little component adds up to make a larger component. This book has made me love biology again and understand why I returned to school. Good job Scott Freeman!

Biological Science is acclaimed for its clear. The book has a friendly style, excellent illustrations and multimedia material. Connect with real-life biological applications and scientific problems through boxes. In my opinion, Biological Science is the best textbook regarding life and biology.

For the price this book will get you up to speed on all the fairly current thought processes that are now being worked on by the scientific community with regard to modern biological study. I'm using it to take a free- self directed -online biology course offered by MIT. Even though it's a few years old I am blow away at how in depth this text goes compare to Biology 101 I took in college. The book was only 50 cents with prime shipping... How could I go wrong.

I got this text book for my Biology Majors class and I absolutely loved it! Very detailed explanations,

great and easy to understand graphs, check your understanding sections helped me to prepare for my actual tests at the school. Also mastering biology website is another amazing source to use while learning this subject. Highly recommend this book to anyone who is taking biology as premed or professional level.

This book works just fine as a substitute for the 5th edition and you can save a lot that way! The only thing you will have to do is renumber the chapters, since there are a few differences there, but content is pretty much the same. I did it and I saved a ton of money!

It's a textbook

Its a dense textbook, like most biology texts, but I found the writing to be for the most part understandable, which is all any collegiate student can ask for. This is a versatile text that applied to several intro-to-intermediate level bio classes for my major and a vast majority of concepts were reinforced with a annotated diagram or a visual labeled image.

This was the required textbook for my Life Sciences 1 course. I thought I would hate it, but ended up reading through it happily. The text itself is not boring, and the way the text is presented and organizes makes it easy to understand the topics. The only questionable thing is the way the Appendix A numbers the answers. I think it really should follow the question numbers instead of starting from 1 each time it transitions to the next section of questions.

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