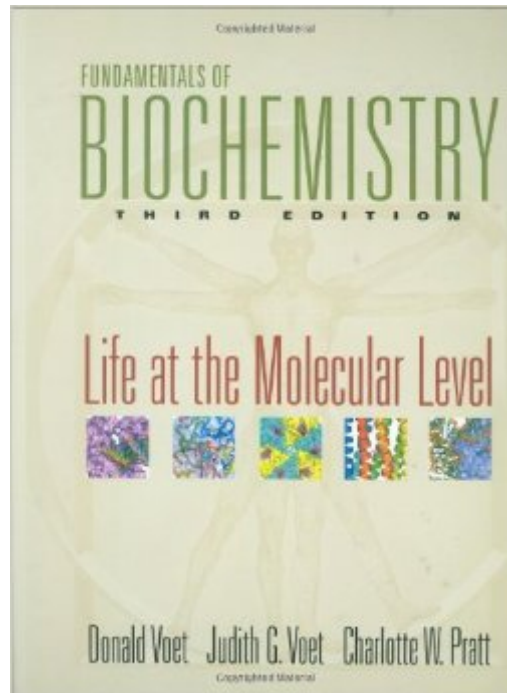


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# Fundamentals Of Biochemistry: Life At The Molecular Level



## Synopsis

Voet, Voet, and Pratt's *Fundamentals of Biochemistry*, challenges students to better understand the chemistry behind the biological structure and reactions occurring in living systems. The Third Edition continues this tradition, and additionally incorporates coverage of recent research and an expanded focus on preparing and supporting students throughout the course. With the addition of new conceptual assessment content to WileyPLUS (access to WileyPLUS not included), students have the opportunity to assess their conceptual understanding of key introductory biochemistry concepts and retrain themselves on their misconceptions.

## Book Information

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## Customer Reviews

Chances are if you're buying this book, it's not for recreational reading, but for your biochemistry class. It's not as if you really have a choice. That being said, it's a decent book. Some of the text was a little hard to follow, but I found that most often, there was a diagram that explained what I didn't get the first time reading through. Definitely buy this from . It was twice as expensive in the college bookstore.

I have to begin by question for whom exactly this textbook was written. I had to use the 2nd edition of this text for an introductory biochemistry course, and it has been the single most atrocious textbook I have come across in my entire 10 year academic career. The fundamental problem with learning "Fundamentals of Biochemistry" from this text is that there is appalling amount of

in-coherency and discontinuity in the topics presented. The final result is something that is entirely incomprehensible and very painful to learn from unless you already have had substantial amount of exposure to the elementary topics of biochemistry before. The author has included a girth of information, often randomly distributed, so much so that trying to understand the most basic principle in each section becomes a mind numbing task of trying to comb through what feels like a tomb of the entire biochemical science known to man-kind. Just to give an example, when trying to understand something as basic as the Krebs Cycle, the author utterly fails to present first a comprehensible overall picture of what the entire process entails, its significance, and consequences. Instead we are presented, in quite vomit-inducing detail, details down to the shape and step by step mechanism of function, chemical structure, and shape of each of the enzymatic reactions involved so that by the time you have spent an hour in one single subsection, you are lost and not even sure how any of this even relates to the original topic. This made worse by the authors digression from the immediate topic, and back references to figures and section of many chapters past, which means almost none of the sections are self-contained and the reader is sent on a wild goose chase trying to piece all the information together.

As far as content, this book wasn't too bad. However, I feel that the Lehninger Biochemistry text is an easier read, and I also believe it does a better job of explaining the interactions between molecules, proteins, etc. For that reason I switched to that text mid-way through Biochemistry I. On the plus side, this particular textbook has a little more content in the area of bioenergetics, but other than that, I'd stick with Lehninger. The main problem I had with this binder version is that the pages tear very easily. The paper is extremely flimsy, and because of this I tore multiple pages in this binder version. If you're going to buy this edition, I strongly recommend you do not buy the binder version - especially if you plan on selling it later.

This book is written extremely well, did a better job at explaining than my teacher when he would leave the class confused. All the answers are in the book with good explaining and shows the math steps worked out so no need for solution manual. The only problems I had using it was understand the graphs around chapter 10 when solving for  $K_m$  but you can find better explanation on youtube. Chapters 1-14 had the same problems at the end of each chapter in edition 4 however they are number differently so you can check with your class mate which ones you need to do. I'm not too sure how much this book is like edition 4 in the later chapters after chapter 14 but I will update my review after my Advance Biochemistry goes further in the book. This book is lot cheaper to buy than

the current edition so I would recommend this instead biochemistry 1 and avoid renting your book twice for two semesters. Originally my teacher told me this book would not work for biochemistry at UMSL but it was word for word in text.

Upon looking at text books this semester, I saw that many of them were offered in a "Kindle Edition" which I thought was awesome. However when I got my Kindle, and downloaded this KINDLE EDITION TEXTBOOK to my PC I discovered that the KINDLE edition is not available to be read on a KINDLE!!! and I have the FIRE! I feel VERY misled and angry, not just because I spent money both a KINDLE FIRE and This book, but also I was very excited NOT to have to carry around 10+ lbs of textbooks this semester since I am disabled due to back problems. I am severely disappointed in this false advertising! Shame on you! Barnes and Noble clearly states on their site that their etextbooks can NOT be read on their NOOKS! Which is one of the reasons I did not choose Nook and bought a Kindle.

I had Leninghers, biochem by voet and voet (4th edition) and finally this book. Leningher is good for introductory biochem, yet some of the facts are misleading. Voet and voet.. its TOO MUCH. A lot of useless details that makes the textbook hard to follow. If you are a good student that can pick the right material for your midterm, then good for you. It's really hard to know what is important or what not. This is definitely not a textbook for undergrads, but more for grad students or for reference. Fundamentals of Biochemistry, student companion gives a nice easy summary of each topic that you will need to know for biochem. It's not enough, but at least you will get a good idea what the topics are and what you should be focusing on. I highly recommend for those who have little time to focus on biochem or those that have hard time reading voet and voet.

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