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the goal of this text is to relate the fundamental concepts of general organic and biological chemistry to the world around us and in this way illustrate how chemistry explains many aspects of everyday life this text is different by design since today s students rely more heavily on visual imagery to learn than ever before this text uses less prose and more diagrams and figures to reinforce the major themes of chemistry a key feature is the use of molecular art to illustrate and explain common phenomena we encounter every day each topic is broken down into small chunks of information that are more manageable and easily learned students are given enough detail to understand basic concepts such as how soap cleans away dirt and why trans fats are undesirable in the diet without being overwhelmed this textbook is written for students who have an interest in nursing nutrition environmental science food science and a wide variety of other health related professions the content of this book is designed for an introductory chemistry course with no chemistry prerequisite and is suitable for either a two semester sequence or a one semester course i have found that by introducing one new concept at a time keeping the basic themes in focus and breaking down complex problems into small pieces many students in these chemistry courses acquire a new appreciation of both the human body and the larger world around them

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