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• Learning resources including adaptive review modules, interactive study tools and maths review sections

• A gradebook and analytical tools that help you to easily monitor student grades and progress
CHEMISTRY

Preparatory Chemistry

Available with OWL™

Introductory Chemistry
A Foundation
9th Edition
Steven S. Zumdahl, University of Illinois
Donald J. DeCoste, University of Illinois
© 2019 | 784pp | 9781337399425

Introductory Chemistry combines enhanced problem-solving structure with substantial pedagogy to help your students become successful problem solvers. Early coverage of chemical reactions, accessible explanations and visualizations, and an emphasis on everyday applications facilitates understanding. The authors’ step-by-step approach has already helped hundreds of thousands of student’s master chemical concepts and develop strong problem-solving skills. Interactive study aids in OWLv2, such as ChemWork Problems and Adaptive Learning Activities, help students master concepts.

Chemistry for Engineers

Available with OWL™

Chemistry for Engineering Students
4th Edition
Lawrence S. Brown, Texas A&M University
Tom Holme, Iowa State University
© 2019 | 9780357026991

Enhanced with new problems and applications, the Fourth Edition of Chemistry For Engineering Students provides a concise, thorough, and relevant introduction to chemistry that prepares students for further study in any engineering field. Updated with new conceptual understanding questions and applications specifically geared toward engineering, the book emphasizes the connection between molecular properties and observable physical properties and the connections between chemistry and other subjects such as mathematics and physics.

General, Organic & Biochemistry

Available with OWL™

Introduction to General, Organic, and Biochemistry
12th Edition
Frederick A. Bettelheim, Adelphi University
William H. Brown, Beloit College
Mary K. Campbell, Mount Holyoke College
© 2020 | 912pp | 9781337571357

Help students gain a comprehensive understanding of chemistry and see how it relates to health science with Introduction To General, Organic, And Biochemistry. This title features dynamic art, interesting examples, coverage of the latest issues, and a wide variety of medical and biological applications. As students explore topics such as botulin toxin as a cosmetic agent, implications for the use of antibiotics, and ultraviolet sunscreen, they will see how useful the study of chemistry is to real life.

Biochemistry

Available with OWL™

Biochemistry
9th Edition
Mary K. Campbell, Mount Holyoke College
Shawn O. Farrell, Colorado State University
Owen M. McDougal, Southern Oregon University
© 2018 | 896pp | 9781305961135

Ideal for those studying biochemistry for the first time, this book balances scientific detail with readability and demonstrates how principles of biochemistry affect everyday life. Known for its logical organization, appropriate depth of coverage, and vibrant illustrations, Biochemistry, 9th Edition, incorporates current developments in Alzheimer’s research, RNA drug therapy, gene editing with CRISPR-Cas9, and revised coverage of topics such as aging, stem cell therapies, and G-coupled protein receptors. In-text features, like “Hot Topics” and “Biochemical Connections”, reflect research in the field - and demonstrate how biochemistry applies to other fields like health and sports medicine.

Available with OWL™

General, Organic, and Biological Chemistry
7th Edition
H. Stephen Stoker, Weber State University
© 2016 | 1232pp | 9781285853918

General, Organic, And Biological Chemistry provides clear explanations, engaging visual support, and easy usability. Ideal for students studying life sciences and health, this Seventh Edition emphasizes the applications of chemistry. Early chapters focus on fundamental chemical principles while later chapters build on the foundation of these principles, developing the concepts and applications central to organic and biological chemistry. Mathematics is introduced at point-of-use and only as needed.

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Biochemistry
6th Edition
Reginald H. Garrett, University of Virginia
Charles M. Grisham, University of Virginia
© 2017 | 1280pp | 9781305577206

Continuing Garrett and Grisham’s innovative conceptual and organizing “Essential Questions” framework, Biochemistry guides students through course concepts in a way that reveals the beauty and usefulness of biochemistry in the everyday world. Offering a balanced and streamlined presentation, this edition has been updated throughout with new material and revised presentations as well as integration with OWLv2.

Two-Semester

One-Semester

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Thorough instruction helps your students develop a deeper understanding of general chemistry concepts through an emphasis on the visual nature of chemistry and the close interrelationship of the macroscopic, symbolic, and particulate levels of chemistry. The art program illustrates each of these levels in engaging detail. Interactive study aids in OWLv2, such as Interactive Examples and Adaptive Learning Activities, help students to master concepts.
Available with OWLv2

Organic Chemistry
9th Edition
John E. McMurry, Cornell University
© 2016 | 1512pp | 9781305804845

John McMurry’s Organic Chemistry is consistently praised as the most clearly written book available for the course and the Ninth Edition retains McMurry’s hallmark qualities: comprehensive, authoritative, and clear. Updated with more coverage of nuclear magnetic resonance spectroscopy, new end-of-chapter mechanism problems and Practice Your Scientific Reasoning and Analysis questions, Organic Chemistry continues to set the standard for the course. More than a million students worldwide from a full range of universities have mastered organic chemistry through his trademark style, while instructors at hundreds of universities have praised his approach time and time again.

Available with OWLv2

Organic Chemistry with Biological Applications
3rd Edition
John E. McMurry, Cornell University
© 2015 | 1224pp | 9781285842912

Renowned for its student-friendly writing style and fresh perspective, the Third Edition of John McMurry’s Organic Chemistry With Biological Applications provides full coverage of the foundations of organic chemistry -- enhanced by biological examples throughout. In addition, McMurry discusses the organic chemistry behind biological pathways. Throughout this edition new problems, illustrations, and essays have been added.

Available with OWLv2

Fundamentals of Organic Chemistry
7th Edition
John E. McMurry, Cornell University
© 2011 | 672pp | 9781439049730

Retaining the concise, to-the-point presentation that has already helped thousands of students move beyond memorization to a true understanding of the beauty and logic of organic chemistry, this Seventh Edition of John McMurry’s Fundamentals of Organic Chemistry brings in new, focused content that shows students how organic chemistry applies to their everyday lives. In addition, redrawn chemical structures and artwork help students visualize important chemical concepts and a greater emphasis on biologically-related chemistry (including new problems) helps them grasp the enormous importance of organic chemistry in understanding the reactions that occur in living organisms.

Available with OWLv2

Organic Chemistry
A Short Course
13th Edition
Harold Hart, Michigan State University
Christopher M. Hadad, Ohio State University
Leslie E. Craine, Central Connecticut State University
© 2012 | 608pp | 9781111425562

Designed specifically for the one-semester short course in organic chemistry, this textbook appeals to a range of Chemistry courses, through its emphasis on practical, real-life applications, coverage of basic concepts, and engaging visual style. In contrast to other texts for the course that are streamlined versions of full-year texts, this text was created from the ground up to offer a writing style, approach, and selection of topics that uniquely meet the needs of the short course.

Available with OWLv2

Organic Chemistry Mechanistic Patterns
1st Edition
William Ogilvie, University of Ottawa
Nathan Ackroyd, Mount Royal University, Calgary
C. Scott Browning, University of Toronto
Ghislain Deslongchamps, University of New Brunswick
© 2018 | 9780176833305

Organic Chemistry Mechanistic Patterns is the very first introductory organic chemistry title that holistically focuses on a mechanistic approach; an approach that has proven to achieve a deeper understanding of chemical reactivity. The text takes great care to establish a progression of reactivity, from simple to complex, introducing functional groups as necessary. To help students further visualize key concepts, the text includes Ghislain Deslongchamps’ acclaimed Organic Chemware; interactive animations and simulations that bring static textbook molecular representations to life.

Available with OWLv2

Organic Chemistry
8th Edition
William H. Brown
© 2018 | 1312pp | 9781305580350


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OWLv2 is an online learning solution for Chemistry students. It focuses on developing conceptual understanding, not memorisation, and has all the tools that you need to deliver an engaging, interactive module that will help students succeed.

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Physical Chemistry

Physical Chemistry
2nd Edition
David W. Ball, Cleveland State University
© 2015 | 880pp | 978133958437

With its easy-to-read approach and focus on core topics, Physical Chemistry, 2nd Edition provides a concise, yet thorough examination of calculus-based physical chemistry. The Second Edition, designed as a learning tool for students who want to learn physical chemistry in a functional and relevant way, follows a traditional organization and features an increased focus on thermochemistry and a dynamic four-color design. Written by a dedicated chemical educator and researcher, the text also includes a review of calculus applications as applied to physical chemistry.

Instrumental Analysis

Principles of Instrumental Analysis
7th Edition
Douglas A. Skoog, Stanford University
F. James Holler, University of Kentucky
Stanley R. Crouch, Michigan State University
© 2018 | 992pp | 9781305577213

Principles Of Instrumental Analysis is the standard courses on the principles and applications of modern analytical instruments. In the 7th Edition, authors Skoog, Holler, and Crouch infuse their popular text with updated techniques and new Instrumental Analysis in Action case studies. Updated material enhances the book’s proven approach, which places an emphasis on the fundamental principles of operation for each type of instrument, its optimal area of application, its sensitivity, its precision, and its limitations. The text also introduces students to elementary analog and digital electronics, computers, and the treatment of analytical data. A companion website, provides students with tutorials on instrumental methods, Excel files of data analysis, and simulations of analytical techniques to help them visualize important concepts.

Analytical Chemistry

Fundamentals of Analytical Chemistry
9th Edition
Douglas A. Skoog, Stanford University
Donald M. West, San Jose State University
F. James Holler, University of Kentucky
© 2013 | 1072pp | 9780495555826

Known for its readability and systematic, rigorous approach, Fundamentals Of Analytical Chemistry offers extensive coverage of the principles and practices of analytic chemistry and consistently shows students its applied nature. The book’s award-winning authors begin each chapter with a story and photo of how analytic chemistry is applied in industry, medicine, and all the sciences. To further reinforce student learning, a wealth of dynamic photographs by renowned chemistry photographer Charlie Winters appear as chapter-openers and throughout the text. Incorporating Excel spreadsheets as a problem-solving tool, the Ninth Edition is also enhanced by a chapter on Using Spreadsheets in Analytical Chemistry.

Spectroscopy

Introduction to Spectroscopy
5th Edition
Donald L. Pavia, Western Washington University
Gary M. Lampman, Western Washington University
George S. Kriz, Western Washington University
© 2014 | 784pp | 9781285460123

Introduce your students to spectroscopy with the text that has set the standard in the field for more than three decades. Whether you use the book as a primary text in an upper-level spectroscopy course or as a companion book with an organic chemistry text, your students will receive an unmatched, systematic introduction to spectra and basic theoretical concepts in spectroscopic methods. This acclaimed resource features up-to-date spectra; a modern presentation of one-dimensional nuclear magnetic resonance (NMR) spectroscopy; an introduction to biological molecules in mass spectrometry; and coverage of modern techniques alongside DEPT, COSY, and HECTOR.

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LabSkills offers interactive, online pre-lab assignments allowing you to focus on the experiment itself and be confident that your class have the skills to work safely.

Step-by-step videos – Short videos cover safety through narrated clips, transcripts and bulleted key points. Each video is split into sections so students can work at their own pace.

Practice opportunities – Interactive Modules allow students to interact with equipment prior to the lab, so they are familiar with equipment set-up. The interactive modules also cover Measurement and Techniques.

Assignable quizzes – Quizzes test pre-lab skills and techniques using True/False, Fill in the Gap and Multiple Choice Questions.

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Laboratory Experiments and Techniques

Safety-Scale Laboratory Experiments for Chemistry for Today
9th Edition
Spencer L. Seager, Weber State University
© 2018 | 544pp | 9781305968554

This lab manual offers a unique blend of laboratory skills and exercises that effectively illustrate Chemistry concepts. The book’s 15 general chemistry and 20 organic/biochemistry safety-scale laboratory experiments use small quantities of chemicals and emphasize safety and proper disposal of materials. ‘Safety-scale’ is the authors’ own term for describing the amount of chemicals each lab experiment requires – less than macroscale quantities, which are expensive and hazardous, and more than microscale quantities, which are difficult to work with and require special equipment.

NEW EDITION

Chemical Principles in the Laboratory
12th Edition
Emil Slowinski, Macalester College
Wayne C. Wolsey, Macalester College
Robert Rossi, Macalester College
© 2021 | 400pp | 9780357364536

This Twelfth Edition maintains the high-quality, time-tested experiments and techniques of Chemical Principles in the Laboratory. Continuing to offer complete coverage of basic chemistry principles, the authors present topics in a direct, easy-to-understand manner. This edition remains committed to green chemistry with four additional experiments made “greener” by reducing volume and toxicity, which not only benefits the environment, but also reduces the cost of the experiments overall.

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A Macroscale and Microscale Organic Experiments
7th Edition
Kenneth L. Williamson, Mount Holyoke College, Emeritus
Katherine M. Masters, Pennsylvania State University
© 2017 | 816pp | 9781305577190

Now featuring new themed Modules experiments with real world applications, this Seventh Edition for the full-year organic laboratory course derives many experiments and procedures from the classic Feiser lab text, giving it an unsurpassed reputation for solid, authoritative content. This proven manual offers a flexible mix of macroscale and microscale options for most experiments, emphasizing safety and allowing instructors to save on the purchase and disposal of expensive, sometimes hazardous, organic chemicals. Macroscale versions for less costly experiments allow students to get experience working with conventionally-sized glassware.

Available with OWL™

A Small Scale Approach to Organic Laboratory Techniques
4th Edition
Donald L. Pavia, Western Washington University
George S. Kriz, Western Washington University
Gary M. Lampman, Western Washington University
© 2016 | 1024pp | 9781305253926

Featuring new experiments, a new essay, and new coverage of nanotechnology, this organic chemistry laboratory textbook offers a comprehensive treatment of laboratory techniques including small scale and some microscale methods that use standard-scale (“macroscale”) glassware and equipment. The book is organized based on essays and topics of current interest and covers a large number of traditional organic reactions and syntheses, as well as experiments with a biological or health science focus.

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A Small Scale Approach to Organic Laboratory Techniques
4th Edition
Donald L. Pavia, Western Washington University
George S. Kriz, Western Washington University
Gary M. Lampman, Western Washington University
© 2016 | 1024pp | 9781305253926

This Sixth Edition of Experimental Organic Chemistry contains procedures for both miniscale and microscale users. The book offers an early focus on equipment, record keeping, and safety in the laboratory, and then guides students step by step through the theoretical and mechanistic principles underlying the experiments and the laboratory techniques needed to perform them with confidence.

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Lab Manual Experiments in General Chemistry
Rupert Wentworth, Indiana University
Barbara H Munk
© 2017 | 9781305944985

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Calculus-Based Physics

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Physics for Scientists and Engineers
10th Edition
Raymond A. Serway, James Madison University
John W. Jewett, California State Polytechnic University
© 2019 | 1296pp | 9781337553278

Taking an integrative approach, market-leading Physics For Scientists And Engineers, seamlessly matches curated content to the learning environment for which it was intended--from in-class group problem solving to online homework that utilizes targeted feedback and tutorials. More student friendly than ever, the text includes new context-rich exercises, Think-Pair-Share problems, MCAT-style passage problems and sound educational pedagogy. The unified art program and detailed worked examples compliment the concise language and meticulous instruction for which the authors are known.

Also available in two separate volumes and as an extended version including Modern Physics.

Available with WEBASSIGN

Physics for Global Scientists and Engineers
2nd Edition
Raymond A. Serway, James Madison University
John W. Jewett, California State Polytechnic University
Kate Wilson, Australian Defence Force Academy

This international edition of Serway’s Physics For Global Scientists and Engineers is a practical and engaging introduction for students of calculus-based physics, in two, easy-to-use volumes. This edition includes international case studies and new content on key topics in physics to engage students.

Volume 1
Mechanics, Mechanical Properties of Solids and Fluids, Oscillations and Mechanical waves, and Thermodynamics.
© 2016 | 744pp | 9780170355513

Volume 2
Electricity and Magnetism, Light and Optics, and Quantum Physics.
© 2016 | 744pp | 9780170355520

Available with WEBASSIGN

Physics for Scientists and Engineers: Foundations and Connections
Debora M. Katz, United States Naval Academy
© 2017 | 1424pp | 9781337391946

In Debora Katz’s ground-breaking calculus-based physics program, Physics for Scientists and Engineers: Foundations and Connections, the one-of-a-kind case study approach enables students to connect mathematical formalism and physics concepts in a modern, interactive way. By leveraging physics education research (PER) best practices and her extensive classroom experience, Debora Katz addresses the areas students struggle with the most: linking physics to the real world, overcoming common preconceptions, and connecting the concept being taught with the mathematical steps to follow.

Also available in two separate volumes and as an extended version including Modern Physics.

Algebra and Trigonometry-Based Physics

Available with WEBASSIGN

College Physics, Global Edition
11th Edition
Raymond A. Serway, James Madison University
Chris Vuille, Embry-Riddle Aeronautical University
© 2017 | 1024pp | 9781337620338

This updated Eleventh Edition of College Physics, Global Edition is designed throughout to help students master physical concepts, improve their problem-solving skills, and enrich their understanding of the world around them. The book offers a logical presentation of concepts, a consistent problem-solving strategy, and an unparalleled array of worked examples to help students develop a true understanding of physics. This edition is enhanced by a streamlined presentation, new problems, Interactive Video Vignettes, new conceptual questions, new techniques, and hundreds of new and revised problems.

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Physics for the Life Sciences
3rd Edition
Martin Zinke-Allmang, University of Western Ontario
Reza Nejat, McMaster University
Eduardo Galliano-Riveros, Laurentian University
© 2016 | 9780176558697

Physics for the Life Sciences, Third Edition, brings the beauty of physics to life. Physics represents an enormous body of knowledge and methodology, and almost all of it has a huge impact on understanding the life sciences. Physics for the Life Sciences provides a comprehensive synopsis of the vast subject matter and delivers it in a way that is relevant to students’ interests and career aspirations and that encourages retaining acquired knowledge. Taking an algebra-based approach to the selective use of calculus, the third edition provides a concise approach to basic physics concepts using an engaging layout, a consistent and student-tested art program, extensive use of conceptual examples, analytical problems, and instructive and engaging case studies.

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Physics Laboratory Experiments
8th Edition
Jerry D. Wilson, Lander University
Cecilia A. Hernández-Hall, American River College
© 2014 | 560pp | 9781285738567

This manual for the first-year physics laboratory course offers a wide range of class-tested experiments designed specifically for use in small to mid-size lab programs. A series of integrated experiments emphasizes the use of computerized instrumentation and includes a set of “computer-assisted experiments” that allow students to gain experience with modern equipment. By analyzing data through two different methods, learners gain a greater understanding of the concepts behind the experiments. The Eighth Edition includes new economical labs and Pre-Lab Demonstrations, designed to capture interest prior to the lab and requiring only widely available materials and items.

Solid State Physics

Neil W. Ashcroft, Cornell University
N. David Mermin, Cornell University
© 1976 | 848pp | 9780030839931

In this first edition of Ashcroft and Mermin’s Solid State Physics (1976) the authors aim at exploring the variety of phenomena associated with the major forms of crystalline matter, while laying the foundation for a working understanding of solids through clear, detailed and elementary treatments of fundamental theoretical concepts. This book is designed for introductory courses at either the undergraduate or graduate level. Statistical mechanics and the quantum theory lie at the heart of solid state physics.

Analytical Mechanics

International Edition
7th Edition
Grant R. Fowles, University of Utah
George L. Cassidy, University of Utah
© 2004 | 576pp | 9780534408138

With the direct, accessible, and pragmatic approach of Fowles and Cassidy’s Analytical Mechanics, 7th Edition, thoroughly revised for clarity and concision, students will grasp challenging concepts in introductory mechanics. A complete exposition of the fundamentals of classical mechanics, this proven and enduring introductory text is a standard for the undergraduate Mechanics course. With numerical worked examples, textual discussions and specific cases.

An Introduction to Physical Science
14th Edition
James T. Shipman, Ohio University
Jerry D. Wilson, Lander University
Charles A. Higgins Jr., Middle Tennessee State University
© 2015 | 800pp | 9781305079137

An Introduction to Physical Science presents content in such a way that students develop the critical reasoning and problem-solving skills that are needed in an ever-changing technological world. The authors emphasize fundamental concepts as they progress through the five divisions of physical sciences: physics, chemistry, astronomy, meteorology, and geology. Ideal for a non-science course, topics are treated both descriptively and quantitatively, providing instructors the flexibility to emphasize whichever approach works best for their students.

Foundations of Astronomy

Michael A. Seeds, Joseph A. Grundy Observatory
Dana Backman, Stratospheric Observatory for Infrared Astronomy (SOFIA) / SETI Institute & NASA Ames Research Center
© 2019 | 688pp | 9781337399992

Fascinating, engaging and extremely visual, Foundations of Astronomy, 14th Edition, emphasizes the scientific method throughout as it guides students to answer two fundamental questions: What are we? And how do we know? Authors Seeds and Backman discuss the interplay between evidence and hypothesis, providing both factual information and a conceptual framework for understanding the logic of science.

The Solar System
© 2019 | 9781337399937

Stars and Galaxies
© 2019 | 9781337399944

WebAssign for Physics and Astronomy provides engaging resources for active classrooms, extensive content, instant assessment, and question randomisation to support independent study.

New Interactive Virtual Astronomy Labs and Assessments help students learn key concepts and develop their understanding through multisensory learning.

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BIOLOGY

General Biology (Non-Majors)

Available with MINDTAP

Biology
The Unity and Diversity of Life
15th Edition
Cecie Starr
Ralph Taggart, Michigan State University
Christine Evers

© 2018 | 992pp | 9781337408332

Biology, 15th Edition, reveals the biological world in wondrous detail. Packed with eye-catching photos and images, this text engages students with applications and activities that encourage critical thinking. Chapter-opening Core Concepts help students focus on the topics that matter most in every chapter. Each section within a chapter begins with clear Learning Objectives and section-ending Take Home Messages reinforce these key concepts. Links to Earlier Concepts help students make important connections and appreciate how living systems are interconnected and interacting.

Laboratory Manual for Non-Majors Biology

6th Edition
James W. Perry, University of Wisconsin
David Morton, Frostburg State University
Joy B. Perry, University of Wisconsin

© 2012 | 752pp | 9780840053800

With its 46 lab exercises and hundreds of color photos and illustrations, this laboratory manual is your students’ guide to a better understanding of biology. Most exercises can be completed within two hours, and answers to the exercises are included in the Instructor’s Manual. The perfect companion to Starr and Taggart’s Biology: The Unity and Diversity of Life, as well as Starr’s Biology: Concepts and Applications and Biology Today and Tomorrow, this lab manual can also be used with any introductory biology text.

General Biology (Majors)

Available with MINDTAP

Biology
The Dynamic Science
5th Edition
Peter J. Russell, Reed College
Paul E. Hertz, Barnard College

© 2021 | 1520pp | 9780357134894

Biology, 5th Edition teaches Biology the way scientists practice it, by emphasizing and applying science as a process. Students learn not only what scientists know, but how they know it, and what they still need to learn. The authors explain complex ideas clearly and describe how biologists collect and interpret evidence to test hypotheses about the living world. The text provides engaging applications, develops quantitative analysis and mathematical reasoning skills, and builds conceptual understanding.

Laboratory Manual for Majors

General Biology

James W. Perry, University of Wisconsin
David Morton, Frostburg State University
Joy B. Perry, University of Wisconsin

© 2008 | 720pp | 9780495115052

Featuring a clear format and a wealth of illustrations, this lab manual helps biology students learn science by doing it. It includes numerous inquiry-based experiments, relevant activities, and supporting questions that assess recall, understanding, and application. The exercises support any biology text used in a majors course.

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Human Physiology

Organized around the central theme of homeostasis, Human Physiology, 9th Edition helps students appreciate the integrated functioning of the human body. Author Lauralee Sherwood uses clear, straightforward language, analogies, and frequent references to everyday experiences to help students learn and relate to physiology concepts. The vibrant art program and empowering digital resources enable students to visualize important concepts and processes. By focusing on core principles and sharing her enthusiasm for the subject matter, Sherwood helps students develop a solid foundation for future study and careers.

Human Biology

Clear, engaging, and visually compelling, Starr and McMillan’s Human Biology, 11th Edition teaches students the core concepts of human biology. Each chapter opens with an interesting application that highlights the relevance of biology and motivates the study of the topic. Students then learn basic concepts which help them think critically about these issues. Useful pedagogy, such as section-ending “Take-Home Messages” and a running glossary, ensure students understand key concepts. New “Focus on Human Impact” boxes and chapter-ending “Your Future” and “Explore on Your Own” sections demonstrate to students the impact and personal relevance of the content on their lives.

Genetics

Human Heredity

Human Heredity engages non-Biology majors with concepts and examples that they can apply to themselves, their families, and their work environment. Author Michael Cummings uses clear, concise language to explain the origin, nature, and amount of genetic diversity present in the human population and how that diversity has been shaped by natural selection. Examining the social, cultural, and ethical implications associated with the use of genetic technology, Cummings prepares students to become well-informed consumers and providers of genetic-based health care services.

Environmental Science

In the 20th Edition of Living in the Environment, authors Miller and Spoolman worked with the National Geographic Society in developing a text that equips students with the inspiration and knowledge they need to make a difference in solving today’s environmental issues. Using sustainability as the integrating theme, it provides clear introductions to multiple environmental problems and balanced discussions to evaluate potential solutions. New Core Case Studies bring important real-world stories to the forefront; questions added to the captions of figures that involve data graphs give students additional practice in evaluating data; and a new focus on learning from nature highlights principles and applications of biomimicry. The MindTap edition offers additional exclusive National Geographic content and includes a new Think Like an Environmental Scientist activity that introduces important research topics.

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Available with MindTap for Biology and MindTap for Environmental Science, the platform that gives instructors complete control of their course and powers students from memorization to mastery. MindTap for General Biology includes Mastery Training, an adaptive learning tool that uses distributed practice to help students master core concepts.

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NUTRITION

INTRODUCTION TO NUTRITION

Available with MINDTAP

Nutrition Concepts & Controversies
15th Edition
Frances Sizer, Nutrition and Health Associates
Eleanor Noss Whitney, Nutrition and Health Associates
© 2020 | 880pp | 9781337906371

A market leader for nearly four decades, this text balances important scientific research and nutrition fundamentals with applications to real life and general well-being. Authors Sizer and Whitney’s conversational tone and their coverage of controversial topics engage students and help them sort through various fads, facts and misconceptions, empowering them to make good food choices.

Available with MINDTAP

Understanding Nutrition
15th Edition
Eleanor Noss Whitney, Nutrition and Health Associates
Sharon Rady Rolfs, Florida State University
© 2020 | 848pp | 9781337367667

The bestselling Understanding Nutrition makes the science of nutrition meaningful and memorable. Updated with the latest available research, the 15th Edition emphasizes active learning and prepares students for their future careers. Authors Whitney and Rolfs draw readers into the study of nutrition with a lively and approachable writing style—dispelling students’ existing misconceptions and empowering them to make better nutrition choices and enact lasting behavior change.

NUTRITION COUNSELING

Available with MINDTAP

Nutrition Therapy & Pathophysiology
4th Edition
Marcia Nahikian Nelms, The Ohio State University
Kathryn P. Sucher, San Jose State University
© 2020 | 1008pp | 9781337041710

A powerful all-in-one resource for students, clinicians and researchers, Nutrition Therapy & Pathophysiology, 4th Edition, clearly connects nutrition therapy practices and expected outcomes to underlying disease processes at every level—from cells to organ systems. It’s the ideal text for instructors who want to focus on “clinical” or “diet therapy” topics without basic nutrition chapters.

Available with MINDTAP

Nutrition Counseling And Education Skill Development
4th Edition
Kathleen D. Bauer, Montclair State University
Doreen Liou, Montclair State University
© 2021 | 640pp | 9781337927857

Nutrition Counseling And Education Skill Development helps entry-level nutritional professionals develop a solid foundation in counseling and education principles and evaluation methodologies. Taking a clear, step-by-step approach, the book includes case studies and first-person accounts and gives students opportunities in every chapter to practice new skills.

NUTRITION AND DIET THERAPY

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12th Edition
Sharon Rady Rolfs, Florida State University
Kathryn Pinna
Eleanor Noss Whitney, Nutrition and Health Associates
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The 12th Edition of Understanding Normal & Clinical Nutrition presents the fundamentals of nutrition and nutrition therapy along with their practical applications to daily life and clinical settings. Starting with normal nutrition, the authors introduce nutrients and their physiological impacts, as well as nutritional guidelines for good health and disease prevention. Coverage of clinical nutrition includes the latest information on pathophysiology and dietary changes for treating a variety of medical conditions, from obesity and pregnancy to cardiovascular diseases, diabetes, and HIV. Known for a consistent and student-friendly narrative, the book includes systematic “How To” discussions, clinical case studies, review questions, and in-depth “Highlight” sections.

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Nutrition Through the Life Cycle
7th Edition
Judith E. Brown, University of Minnesota
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ADVANCED NUTRITION

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Advanced Nutrition and Human Metabolism
7th Edition
Sareen S. Gropper, Auburn University
Jack L. Smith, University of Delaware
Timothy P. Carr, University of Nebraska-Lincoln
© 2018 | 640pp | 9781305627857

The 7th Edition continues to set the standard through the authors’ ability to clearly and accurately explain even the most complex metabolic processes and concepts, while staying at an undergraduate level. It gives students a solid understanding of digestion, absorption, and metabolism of fat, protein, and carbohydrates; examines the structures and functions of water-soluble and fat-soluble vitamins including their regulatory roles in metabolism; and provides information on vitamin and mineral food sources, recommended intakes, deficiency, and toxicity.

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