

Chemistry

Introductory Chemistry

Cover
coming
soon

Chemistry: The Central Science in SI Units, 15e

Theodore E. Brown, H. Eugene LeMay, Bruce E. Bursten, Catherine Murphy, Patrick Woodward & Matthew E. Stoltzfus

9781292407616 • ©2021 (June)
1248pp • Paperback

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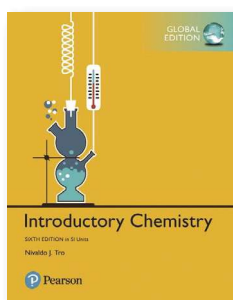
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Course: Basic/Introductory/Preparatory Chemistry

Chemistry: The Central Science uses relevant content to engage students throughout the learning process, building skills that allow them to go beyond recall to effectively solve problems and visualize the atomic nature of the chemistry.

Key features:

- Treatment of energy and thermochemistry significantly revised, allowing instructors greater freedom in the order of coverage.
- Mastering now has more exercises enhanced with feedback and Ready-to-Go teaching modules.



Introductory Chemistry, 6e

Nivaldo J. Tro

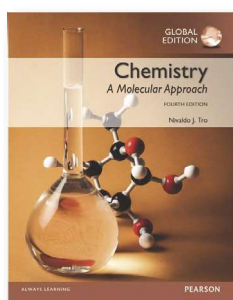
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Course: Basic/Introductory/Preparatory Chemistry

Now in its Sixth Edition, the best-selling Introductory Chemistry continues to encourage student interest by showing how chemistry manifests in students' daily lives. Author Nivaldo Tro draws upon his classroom experience as an award-winning instructor to extend chemistry from the laboratory to the student's world, capturing student attention with relevant applications and an engaging writing style.



Chemistry: A Molecular Approach, 4e

Nivaldo J. Tro

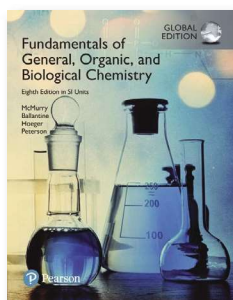
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Course: Basic/Introductory/Preparatory Chemistry

The Fourth Edition of Nivaldo Tro's *Chemistry: A Molecular Approach* reinforces students' development of 21st century skills including data interpretation and analysis, problem solving and quantitative reasoning, applying conceptual understanding to new situations and peer-to-peer collaboration.



Fundamentals of General, Organic and Biological Chemistry in SI Units, 8e

John E. McMurry,
David S. Ballantine, Carl A. Hoeger
& Virginia E. Peterson

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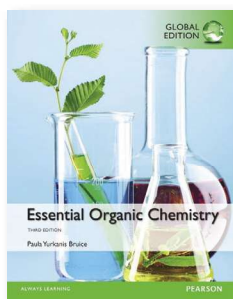
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Available with Mastering Chemistry

Course: Organic and Biological Chemistry

Active learning, an increased focus on clinical examples, updates based on current teaching and research findings and digital innovations designed to engage and personalize students' experience make *Fundamentals of General, Organic and Biological Chemistry* simply the best choice for students with a future in allied health. With the Eighth Edition, the authors make learning chemistry a more active experience through features designed to get students doing chemistry. Every chapter features Hands on Chemistry sections that deepen students' understanding of chemistry by having them perform elementary experiments with household items.

Organic Chemistry



Essential Organic Chemistry, 3e

Paula Yurkanis Bruice

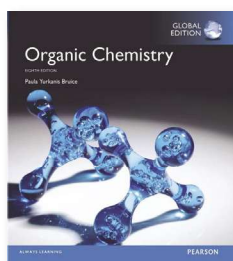
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Course: Basic Organic Chemistry (1 - Semester)

Modern and thorough revisions to the streamlined, *Essential Organic Chemistry* focus on developing students' problem solving and analytical reasoning skills throughout organic chemistry. Organized around reaction similarities and rich with contemporary biochemical connections, Bruice's Third Edition discourages memorization and encourages students to be mindful of the fundamental reasoning behind organic reactivity: electrophiles react with nucleophiles.



Organic Chemistry, 8e

Paula Yurkanis Bruice

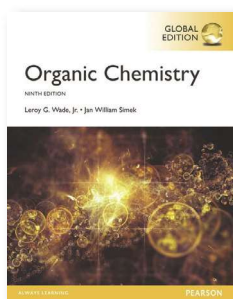
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Course: Organic Chemistry (2 - Semester)

Paula Bruice's presentation in *Organic Chemistry* provides mixed-science majors with the conceptual foundations, chemical logic and problem-solving skills they need to reason their way to solutions for diverse problems in synthetic organic chemistry, biochemistry and medicine. The Eighth Edition builds a strong framework for thinking about organic chemistry by unifying principles of reactivity that students will apply throughout the course, discouraging memorization.



Organic Chemistry, 9e

Leroy G. Wade & Jan W. Simek

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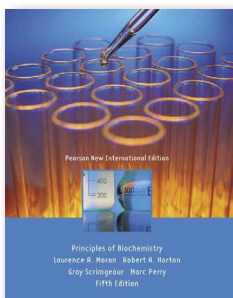
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Course: Organic Chemistry (2 - Semester)

Wade & Simek's Ninth Edition of *Organic Chemistry* presents key principles of organic chemistry in the context of fundamental reasoning and problem solving. Authored to complement how students use a textbook today, new Problem Solving Strategies, Partially Solved Problems, Visual Reaction Guides and Reaction Starbursts encourage students to use the text before class as a primary introduction to organic chemistry as well as a comprehensive study tool for working problems and/or preparing for exams.

Biochemistry



Principles of Biochemistry, 5e

Laurence A. Moran,
Robert A. Horton, Gray Scrimgeour,
Marc Perry & David Rawn

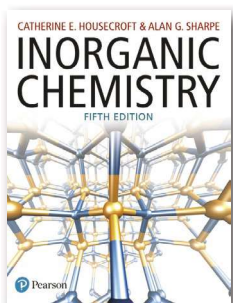
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Course: Principles of Biochemistry (2 - Semester)

Principles of Biochemistry provides a concise introduction to fundamental concepts of biochemistry, striking the right balance of rigor and detail. Widely praised for accuracy, currency and clarity of exposition, the Fifth Edition offers a new student-friendly design, an enhanced visual program, new Application Boxes, contemporary research integrated throughout and updated end-of-chapter problems.

Inorganic Chemistry



Inorganic Chemistry, 5e

Catherine Housecroft
& Alan G. Sharpe

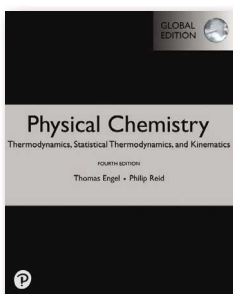
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Course: Inorganic Chemistry

This widely respected and internationally renowned textbook introduces the descriptive chemistry of the elements and the role played by inorganic chemistry in our everyday lives. The stunning full-colour design has been further enhanced for this edition with an abundance of three-dimensional molecular and protein structures and photographs, bringing to life the world of inorganic chemistry. Sections in relevant chapters have been updated to include the new 'super-heavy' elements, recently added to the last row of the periodic table.

Physical Chemistry



Physical Chemistry, 4e

Thomas Engel & Philip Reid

9781292347707 • ©2020
680pp • Paperback

eBook version available

Available with Mastering Chemistry

Course: Physical Chemistry (2 - Semester)

Engel and Reid's *Physical Chemistry: Thermodynamics, Statistical Thermodynamics and Kinetics* provides a contemporary, conceptual and visual introduction to physical chemistry. The authors emphasize the vibrancy of physical chemistry today and illustrate its relevance to the world around us using modern applications drawn from biology, environmental science and material science. The 4th Edition provides visual summaries of important concepts and connections in each chapter, offers students just in time math help and expands content to cover science relevant to physical chemistry.