2021 CATALOG

Sciences | Social Sciences | Humanities

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Combining a student-centered approach with the reliability of a familiar and proven text, *Discovering the Universe* invites students to follow their curiosity and ask questions about astronomy, through features including “What If?” questions that explore alternative solar systems and universes and “Meet the Discoverer” interviews with working scientists.

*Universe, Eleventh Edition*  
Robert Geller  
University of California, Santa Barbara  
Roger Freedman  
University of California, Santa Barbara  
William J. Kaufmann III  
University of California, Santa Barbara  
©2019 • Paper, 896 pp. • 1-319-03944-8

*Universe* by Robert M. Geller and Roger Freedman strikes the right balance between scientific rigor and student comprehension and excitement. Available as the full 27-chapter text or split into *Stars and Galaxies* and *The Solar System*, *Universe* provides all the detail you need to prepare students for engaging with the astronomical ideas and theories, while also inviting students in through stunning visuals and relatable narratives.

**Also available in split editions:**

*Universe: Stars & Galaxies, Sixth Edition*  
(Chapters 1-8, 16-27) • Paper, 638 pp. • 1-319-11509-8

*Universe: The Solar System, Sixth Edition*  
(Chapters 1-16, 27) • Paper, 432 pp. • 1-319-11505-5

Neil Comins’ *Discovering the Essential Universe* confronts the challenges of the one-term astronomy course by heightening student curiosities about the cosmos, by using the context of astronomy to teach the process of science, and by highlighting common misconceptions and showing students how to think their way past them.
In this edition of *Life: The Science of Biology*, you’ll find the book’s signature focus on skill-building, engagement, and active learning taken to a whole new level. With extensive updating, and new pedagogical features, it immerses students in the world of biological experimentation, providing impactful experiences with research and data they’ll need to succeed in class and in their future STEM careers.

*Principles of Life* cuts through the thicket of excessive detail and factual minutiae to focus on what matters most in the study of biology today. It’s well aligned with the recommendations proposed in *BIO 2010: Transforming Undergraduate Education for Future Research Biologists* and *Vision and Change in Undergraduate Biology Education*.

University of California, Los Angeles
©2021 • Paperback
1024 pp. • 1-319-27253-3
Pub Date: 12/31/2020

Phelan’s dynamic approach to teaching biology is the driving force behind *What Is Life? A Guide to Biology*—the most successful new non-majors biology textbook of the millennium.

**New to this Edition**

*Completely updated design and photography*—modern, cleaner, to enhance student interaction with the content.

*All chapters streamlined* for clarity and brevity, reducing overall length of the book by 76 pages.

*Updated statistics and examples* throughout.

In this edition of *Life: The Science of Biology*, you’ll find the book’s signature focus on skill-building, engagement, and active learning taken to a whole new level. With extensive updating, and new pedagogical features, it immerses students in the world of biological experimentation, providing impactful experiences with research and data they’ll need to succeed in class and in their future STEM careers.

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*Updated statistics and examples* throughout.
This landmark text has helped define introductory ecology courses for over four decades. The text maintains its signature evolutionary perspective and emphasis on the quantitative aspects of the field, but it has been improved for today’s undergraduates—with extensive new pedagogy, including Learning Goals, Concept Checks, fresh examples and fully integrated media resources. Students will especially appreciate the new video tutorials that accompany the Analyzing Ecology essays.

New to This Edition

Questions added to Ecology Today boxes require students to apply concepts from the chapter to the closing story. These are designed to spark classroom discussion as well.

Increased number of questions in Working with Ecological Data boxes require students to make calculations and draw graphs.

Expanded Ecological Problem Solving boxes require students to graph data and answer questions, create hypotheses of their own.

New figure questions—five in each chapter—require students to think about the figures.

All chapters have been updated with new studies/research, while maintaining the classical studies ecologists refer to.

Molecular Biology: Principles and Practice introduces fundamental concepts while exposing students to how science is done. The authors convey the sense of joy and excitement that comes from scientific discovery, highlighting the work of researchers who have shaped—and who continue to shape—the field today.

With Genetics: A Conceptual Approach, Ben Pierce brings a master teacher’s experiences to the introductory genetics textbook, clarifying this complex subject by focusing on the big picture of genetics concepts and how those concepts connect to one another.
With its author team of prominent scientists who are also highly accomplished educators, the new edition of IGA again combines exceptional currency, expansive updating of its acclaimed problem sets, and a variety of new ways to learn genetics.

NEW EDITION

Molecular Cell Biology, Ninth Edition
Harvey Lodish
Massachusetts Institute of Technology
Arnold Berk
University of California, Los Angeles
Chris A. Kaiser
Massachusetts Institute of Technology
Monty Krieger
Massachusetts Institute of Technology
Anthony Bretscher
Cornell University
Hidde Ploegh
Massachusetts Institute of Technology
Kelsey Martin
University of California, Los Angeles
Michael Yaffe
Massachusetts Institute of Technology
Angelika Amon
Massachusetts Institute of Technology
©2021 • Cloth, 1300 pp. • 1-319-20852-5
Pub Date: 01/20/2021

With its acclaimed author team, cutting-edge content, emphasis on medical relevance, and coverage based on landmark experiments, Molecular Cell Biology has earned an impeccable reputation with instructors edition after edition.

New to this Edition

Updated content throughout the text highlighting new methodologies and latest research discoveries.

New Chapter 21: Responding to the Cellular Environment reflects recent developments in cell signaling and expanded coverage to emphasize new research developments.

New co-author Michael Yaffe from MIT is a cancer specialist on the frontlines of COVID19 treatment and research.

Kuby Immunology, Eighth Edition
Jenni Punt
Haverford College
Sharon Stanford
Mount Holyoke College
Patricia Jones
Stanford University
Judy Owen
Haverford College
©2019 • Paper, 944 pp. • 1-4641-8978-1

Janis Kuby’s groundbreaking introduction to immunology was the first textbook for the course actually written to be a textbook. Like no other text, it combines an experimental emphasis with extensive pedagogical features. In the Kuby tradition, the authors present current concepts in the context of key experiments, but do so with the focus on the big picture of the study of immune response, and with unsurpassed pedagogical support for the first-time learner.

Raven Biology of Plants, Eighth Edition
Ray F. Evert
University of Wisconsin, Madison
Susan E. Eichhorn
University of Wisconsin, Madison
©2013 • Cloth, 864 pp. • 1-4292-1961-0

The definitive introductory botany text for majors is known for its comprehensive breadth of coverage, accuracy, currency and magnificent art program. Thoroughly updated, the new edition offers integrated coverage of ecology, discussions of cutting-edge research on such topics as invasive species and medical botany, and essays on important issues (global warming, Google Maps, coral bleaching, and more.)

The Analysis of Biological Data, Third Edition
Michael C. Whitlock
University of British Columbia
Dolph Schluter
University of British Columbia
©2020 • Cloth, 768 pp. • 1-319-22623-X

The Analysis of Biological Data, Third Edition teaches modern methods of statistics through the use of fascinating biological and medical cases. This edition includes new calculation practice problems, which guide the student step by step through the methods, plus a greater number of the examples and topics from medical and human health research. All the data sets, R scripts for all worked examples in the book, as well as many other teaching resources, are available to qualified instructors.

For complete contents and media supplements information visit www.macmillanlearning.com
With riveting stories about evolutionary biologists at work everywhere from the Arctic to tropical rainforests to hospital wards, Evolution: Making Sense of Life is a reading adventure designed to grab the imagination of students, showing them exactly why it is that evolution makes such brilliant sense of life.

Lehninger Principles of Biochemistry is #1 bestseller for the introductory biochemistry course because it brings clarity and coherence to an often unwieldy discipline, offering a thoroughly updated survey of biochemistry’s enduring principles, definitive discoveries, and groundbreaking advances with each edition.

New to this Edition

The new edition has been fully revised for up-to-date content, as well as to effectively support student study. Written for students learning biochemistry for the first time, the authors have identified and noted fundamental biochemistry principles throughout the text. Content has been streamlined so the text is focused on what is most important and useful to modern students and for future reference!

Organized around principles for better understanding.

This edition provides a new learning path for students, through emphasis on the fundamental principles of biochemistry.

Streamlined for easier navigation

A new, vibrant design improves navigation through the content.

Based on extensive user feedback, the authors have carefully trimmed topics and subtopics to emphasize crucial content, resulting in shorter chapters and an overall reduction in book length.

New or revised figures reflect current research findings.

Captions have been streamlined throughout.

Where possible, figures have been simplified, and many figures now have step-by-step annotations, reducing caption length.

A revised photo program emphasizes context-rich images.

The end-of-chapter problem sets have been thoroughly revised.

For four decades, this extraordinary textbook has played a pivotal role in the way biochemistry is taught, offering exceptionally clear writing, and innovative graphics, coverage of the latest research techniques and advances, and a signature emphasis on physiological and medical relevance.

Derived from the classic text originated by Lubert Stryer, Biochemistry: A Short Course offers that bestseller’s signature writing style and physiological emphasis, while focusing on the major topics taught in a one-semester biochemistry course.

Guinn’s popular one-term textbook uses health and medicine as the framework for learning the fundamentals of chemistry. It focuses on core concepts and necessary math skills, and features a revamped organization to align with traditional course organization and shorter, more condensed chapters.
Introductory Chemistry is the result of a unique author vision, combining text and digital resources to build student confidence while providing a foundation for their success.

The new edition builds on the strengths of the first edition – drawing students into the course through engagement and building their foundational knowledge – while introducing new content and resources to help students build critical thinking and problem-solving skills.

Investigating Chemistry, Fourth Edition
Matthew Johll
Illinois Valley Community College
©2019 • Cloth, 482 pp. • 1-319-07946-6

The inherently fascinating topics of crime and criminal investigations serve as context to teach fundamental chemistry concepts. Capitalizing on student interest in this compelling topic, Johll is able to make learning chemistry exciting and accessible. Each chapter is driven by a case study with details from a real crime scenario, providing an investigative approach to learning chemistry concepts.

21st Century Chemistry
Second Edition
Kimberley Waldron
Regis University
©2019 • Cloth, 464 pp. • 1-319-10617-X

Waldron’s 21st Century Chemistry promotes scientific literacy and helps students understand chemistry applications in everyday life. Waldron offers an exceptionally clear and fresh writing style and a focus on environmental topics with “Naturebox” and “Green Beat” features. “Recurring Themes” help students remember fundamental, take-away ideas as they make choices as consumers, voters and overall informed citizens.

Chemical Principles: The Quest for Insight, Seventh Edition
Peter Atkins
Lincoln College/Oxford University
Loretta Jones
University of Northern Colorado
Leroy Laverman
University of California, Santa Barbara
©2016 • Cloth, 1088 pp. • 1-4641-8395-3

Written for calculus-inclusive general chemistry courses, Chemical Principles helps students develop chemical insight by showing the connections between fundamental chemical ideas and their applications. Unlike other texts, it begins with a detailed picture of the atom then builds toward chemistry’s frontier, continually demonstrating how to solve problems, think about nature and matter, and visualize chemical concepts as working chemists do.

Environmental Chemistry, Fifth Edition
Colin Baird
University of Western Ontario
Michael Cann
University of Scranton
©2013 • Cloth, 848 pp. • 1-4292-7704-1

Environmental Chemistry presents the most balanced coverage of the environmental chemistry of natural systems on the market, and is the only text available to require no more than general chemistry as a pre-requisite.

Organic Chemistry, Seventh Edition
Marc Loudon
Purdue University
Jim Parise
University of Notre Dame
©2021 • Cloth, 1648 pp. • 1-319-18842-7

This text is known for its clear writing, accuracy, and creative problems (over 1800 in this edition—many of them new and taken from the scientific literature). In addition, it includes more health examples drawn from modern medical practice, as well cutting-edge topics from modern synthetic organic chemistry.

New to This Edition
New skills objectives for each chapter.
New study problems throughout the text.
A focus on biological applications.
Extensive set of problems, written by the author.
This edition maintains the book’s classic framework and approach (that an organic molecule’s structure will determine its function) while strengthening its focus on helping students understand reactions, mechanisms, and synthetic analysis and their practical applications.

Also Available

  Neil Schore
  University of California at Davis
  ©2018 • Cloth, 1350 pp. • 1-319-19574-1

- **Laboratory Techniques in Organic Chemistry, Fourth Edition**
  Jerry R. Mohrig
  Carleton College
  David Alberg
  Carleton College
  Gretchen Hofmeister
  Carleton College
  Paul F. Schatz
  University of Wisconsin, Madison
  Christina Noring Hammond
  Vassar College
  ©2015 • Paper, 528 pp. • 1-4641-3422-7

This is the most comprehensive presentation of essential organic chemistry lab techniques available. Compatible with any organic chemistry lab manual or set of experiments, it offers specific instructions for miniscale, standard taper microscale, and Williamson microscale glassware, and includes guided-inquiry and design-based experiments and projects, as well traditional labs.

- **Exploring Chemical Analysis, Fifth Edition**
  Daniel C. Harris
  Michelson Laboratory, China Lake
  ©2012 • Paper, 658 pp. • 1-4292-7503-0

This ideal one-term text teaches students how to understand analytical results and how to use quantitative manipulations, preparing them to solve problems they will encounter in fields from biology to chemistry to geology.

- **Quantitative Chemical Analysis, Tenth Edition**
  Daniel C. Harris
  Michelson Laboratory, China Lake
  Charles A. Lucy
  University of Alberta
  ©2020 • Cloth, 800 pp. • 1-319-16430-7

The gold standard in analytical chemistry, Dan Harris’ text provides a sound physical understanding of the principles of analytical chemistry and their applications in the disciplines.

- **Descriptive Inorganic Chemistry, Sixth Edition**
  Geoff Rayner-Canham
  Grenfell Campus, Memorial University
  Tina Overton
  University of Hull
  ©2015 • Cloth, 768 pp. • 1-4641-2557-0

This bestselling text gives students a less rigorous, less mathematical way of learning inorganic chemistry, using the periodic table as a context for exploring chemical properties and uncovering relationships between elements in different groups.
When it comes to explaining fundamental economic principles, there is no one more effective than Nobel laureate and New York Times columnist Paul Krugman and co-author, Robin Wells. In this best-selling introductory textbook, Krugman and Wells’ signature storytelling style and uncanny eye for revealing examples help readers understand how economic concepts play out in our world.

**In the New Edition**

*Current events framed by the world’s best communicators of economics.* No other text stays as fresh as Krugman and Wells, from powerful technology firms such as Amazon and Google to the global economic impacts of the COVID-19 pandemic.

*A richer commitment to broadening students’ understanding of the global economy.* Starting in Chapter 1, there is a new principle on how increases in the economy’s potential lead to economic growth over time. To reflect our rapidly changing world, there is an expanded section on market power and the digital economy and an incisive new look at externalities.

---

**New in International Macroeconomics**

New coverage of poor countries and financial globalization.

New application about monetary policy at the zero-lower bound after the Global Financial Crisis and the coronavirus pandemic recession.

Thorough updating of the most recent changes in the EU and the Eurozone, including Brexit.

Data, examples and applications updated throughout.

---

**New in International Trade**

New coverage on NAFTA and USMCA.

New coverage on “the political economy of Migration.”

New coverage of trade policy, including President Trump’s tariffs in imports from China.

Data, examples and applications updated throughout.

Integrated updates about the impact of Covid-19.

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**Principles of Economics, First Edition**

Betsey Stevenson
University of Michigan
Justin Wolfers
University of Michigan
©2020 • Cloth, 800 pp. • 1-4292-3786-4

**Split volumes**

*Macroeconomics*

Paper, 576 pp. • 1-4641-8693-6

*Microeconomics*

Paper, 448 pp. • 1-4641-8694-4

Betsey Stevenson and Justin Wolfers present a new synthesis of economic principles for a new generation of students. Their focus on useful economics employs compelling explanations and real-life examples to help students develop economic intuition and apply it to everyday decisions.
Cowen and Tabarrok write about economics every day at one of the most visited blogs on the web, MarginalRevolution.com. That experience is at the heart of their textbook, which uses startling applications to illustrate theory and motivate learning. They show readers that economics is everywhere and the tools of economics illuminate business, politics, world affairs, and everyday life.

In the New Edition

Integrated coverage of the impact of COVID-19.

A discussion of housing prices and the elasticity of supply.

The most relevant and timely chapter on international trade with new research on the effects of tariffs and on free trade.

Updated coverage on climate change and the carbon tax in the chapter on externalities.

Expanded coverage of the platform economics of free goods like Facebook and Twitter.

New section on the declining labor force participation rate of young men.

Updated monetary policy to reflect the pandemic and the politics and economics of trade in the Trump era.

Formerly CoreEconomics, this edition is a thoroughly contemporary, fully integrated print/technology resource that adapts to the way you want to teach. As always, this concise book focuses on the topics most often covered in the principles course, but with this edition, it offers a stronger emphasis than ever on helping students apply an economic way of thinking to the overwhelming flow of data we face every day.

Created specifically for the economics course as taught in business schools, Economic Principles: A Business Perspective covers the fundamentals of economics in the context of today’s globalized business world.

Written for the one-semester survey of economics course, Essentials of Economics reflects the authors’ strong belief that economics students learn best from a resource that offers compelling, real world stories and an unrivaled global perspective.

Written to answer that all-too-common student question, “Why should I care about economics?”, David Anderson’s text was created from the ground up for the course rather than being carved out of a traditional principles text. No other text—in print or online—covers all standard elements of the college survey course with such engaging clarity, brevity, and visual appeal.
Like no other intermediate microeconomics, Goolsbee, Levitt, and Syverson’s text bridges the gap between today’s theory and practice, with a strong empirical dimension that lets students test theory and successfully apply it. The authors draw on their teaching and research experiences to present the evidence developed in the last 20 years that has impacted fundamental theories.

The new edition of Gruber’s *Public Finance and Public Policy* details ongoing policy debates, with special focus on the largest tax reform in 30 years. New topics include universal basic income, the legalization of pot, and congestion pricing. And, of course, there is an extensive, in-depth discussion of the debate over health care.

This textbook provides an overview of the economics of education research, to lay out the evidence clearly, note agreements and disagreements, and to help students develop the tools necessary to draw their own conclusions.

Mankiw’s *Macroeconomics* has been the number one book for the intermediate macro course since its first edition. It maintains that bestselling status by continually bringing the leading edge of macroeconomics theory, research, and policy to the classroom, explaining complex concepts with exceptional clarity.
Written by bestselling author Manuel Molles and acclaimed science journalist Brendan Borrell, this new textbook gives students the scientific foundation they need to understand environmental issues and think critically about possible solutions. Molles and Borrell make clear the connections between research and real-world problems with a “science/issues/solutions” framework for each chapter. This unique approach reinforces a positive, solutions-based framework for the science, empowering students to feel that they can have an impact on preserving biodiversity, protecting natural resources, addressing pollution hazards, confronting climate change, and more.

Conservation Science was primarily written for undergraduates and beginning graduate students who are interested either in academic or professional careers in conservation. This acclaimed, widely used textbook shows how conservation scientists apply principles from ecology, population genetics, economics, political science, and other natural and social sciences to manage and preserve nature.

The book should prove an excellent resource for both teachers and students in conservation and ecology classes at the undergraduate and graduate levels, as well as for working scientists and others interested in learning more about conservation and economics. Assuming no previous economic training, the authors use simple illustrations, examples from around the world, and readable (occasionally irreverent) prose to describe the central economic principles that are relevant to conservation.
GEOLOGY

Understanding Earth, Eighth Edition
John Grotzinger
California Institute of Technology
Tom Jordan
University of Southern California
©2020 • Paper, 720 pp. • 1-319-05532-X
Long the premier textbook for the introductory physical geology course, Understanding Earth shows students what professional geologists actually do, seeing how geology impacts their lives as citizens and future stewards of the planet.

Key Concepts in Geomorphology, Second Edition,
Paul R. Bierman
University of Vermont
David R. Montgomery
University of Washington
©2020 • Paper, 560 pp. • 1-319-05980-5
Written for introductory geomorphology, surface processes, or physical geology courses, Key Concepts in Geomorphology offers an integrative, applications-centered approach to the study of the Earth’s dynamic surface.

Environmental Geology, Second Edition
Dorothy Merritts
Franklin and Marshall
Kirsten Menking
Vassar College
Andrew de Wet
Franklin and Marshall
©2015 • Paper, 604 pp. • 1-4292-3743-0
Merritts’ classic text provides a balanced approach to environmental issues and builds an informed student understanding with case studies, conceptual explanations, and relevant presentation of material. By far the most concise book for its course, it remains the only textbook to use an earth systems approach to exploring how the Earth works, the human impact on the environment, and the characteristics of different natural hazards.

Sedimentary Geology: An Introduction to Sedimentary Rocks and Stratigraphy, Third Edition
Donald R. Prothero
Occidental College
Fred Schwab
Washington and Lee University, Emeritus
©2014 • Cloth, 500 pp. • 1-4292-3155-6
Prothero and Schwab’s acclaimed text shows students how sedimentary strata serves geologists as a continuous record of Earth’s history. The authors’ conversational style, and focus on the important concepts make the book highly accessible to an undergraduate audience.

Earth’s Climate: Past and Future, Third Edition
William F. Ruddiman
University of Virginia
©2014 • Paper, 464 pp. • 1-4292-5525-0
At a time when the evidence is stronger than ever that human activity is the primary cause for global climate change, William Ruddiman’s breakthrough text offers an engaging, objective portrait of the current state of climate science.

Earth Transformed
William F. Ruddiman
University of Virginia
©2014 • Paper, 400 pp. • 1-4641-0776-9
When did human impact start to be significant? In this brief volume, William Ruddiman gets to the heart of one of today’s most vigorous scientific debates.
Earth System History, Fourth Edition
Steven M. Stanley
University of Hawaii
John A. Luczaj
University of Wisconsin–Green Bay
©2015 • Cloth, 624 pp. • 1-4292-5526-9
This classic remains the only historical geology text written from a truly integrated earth systems perspective. Stanley is the 2013 winner of the Geological Society of America's Penrose Medal for outstanding original contributions to the science of geology.

Contemporary Human Geography shows how geographers contribute to our understanding of how we live in a globalized modern world. It introduces geography concepts through such topics as the distribution of college sports, the relationship of beauty pageants and cultural identity, texting and language modification, and more.

World Regional Geography: Global Patterns, Local Lives, Eighth Edition
Lydia Mihelic Pulsipher
University of Tennessee, Knoxville
Alex Pulsipher
Ola Johansson
University of Pittsburgh at Johnstown
©2020 • Paper, 624 pp. • 1-319-20677-8
Pulsipher’s World Regional Geography shows the rich diversity of human life and demystifies global issues by representing the daily lives of men, women, and children in the various regions of our globe. It uses a thematic framework to organize information and help students think critically about the local and global impacts of environment; gender and population; urbanization; globalization and development; and power and politics.

Living Physical Geography, Second Edition
Bruce Gervais
California State University, Sacramento
©2019 • Paper, 720 pp. • 1-319-05688-1
The most student-friendly book in the market focuses on human-physical geography interactions, using pedagogical features to create a modern synthesis of physical geography.

Bradley Shellito shows how to accomplish a wide range of real-world tasks and applications while always keeping sight on the conceptual basis and practical impact of what they are doing.

In the New Edition
Updated using ArcGIS Pro, the new standard in desktop GIS from Esri.

Modules 3 and 4, on making a map layout and publishing a web application, respectively, were remade to contain different types of approaches using ArcGIS Pro techniques.

Many new and revised Smartboxes and Related Concepts sections, plus new and revised Troubleboxes throughout.
Calculus: Early Transcendentals, Fourth Edition

Jon Rogawski
University of California, Los Angeles
Colin Adams
Williams College
Robert Franzosa
University of Maine

©2019

Calculus: Early Transcendentals
Cloth, 1050 pages • 1-319-05074-3

Single Variable Calculus: Early Transcendentals
Cloth, 767 pages • 1-319-05593-1

Multivariable Calculus: Early Transcendentals
Cloth, 1150 pages • 1-319-05592-3

Calculus
Cloth, 1150 pages • 1-319-05073-5

Single Variable Calculus
Cloth, 767 pages • 1-319-05577-X

Multivariable Calculus
Cloth, 537 pages • 1-319-05578-8

The most successful calculus book of its generation, Rogawski’s Calculus helps students build strong computational skills while reinforcing the relevance of calculus to their lives. Colin Adams and new co-author Robert Franzosa continue the book’s highly effective approach, while drawing on extensive instructor and student feedback, and Adams’ three decades as a calculus teacher and author of math books for general audiences.

Calculus
Early Transcendentals, Second Edition

Michael Sullivan
Chicago State University
Kathleen Miranda
State University of New York, Old Westbury

©2019

Calculus: Early Transcendentals
Cloth, 1050 pages • 1-319-01835-1

Single Variable Calculus: Early Transcendentals
Cloth, 767 pages • 1-319-01887-4

Multivariable Calculus: Early Transcendentals
Cloth, 1150 pages • 1-319-01888-2

Sullivan and Miranda help students learn calculus conceptually, while also emphasizing computational and problem-solving skills with a wide array of problems—including engaging challenge problems and applied exercises that model the physical sciences, life sciences, economics, and other disciplines.

Calculus
Laura Taalman
James Madison University
Peter Kohn
James Madison University
©2014 • Paper, 1280 pp. • 1-4641-9334-7

Taalman and Kohn’s textbook combines the clarity of classic textbooks with a modern perspective on concepts, skills, applications, and theory. Its sleek, uncluttered design eliminates sidebars, historical biographies, and asides to keep students focused on foundational concepts.

Linear Algebra
with Applications, Second Edition

Jeffrey Holt
University of Virginia
©2017 • Cloth, 576 pp. • 1-4641-9334-7

Holt blends computational and conceptual topics throughout to prepare students for the rigors of conceptual thinking in an abstract setting. The early treatment of conceptual topics in the context of Euclidean space gives students more time, and a familiar setting, in which to absorb them. This organization also makes it possible to treat eigenvalues and eigenvectors earlier than in most texts.


Judith L. Gersting
Indiana University–Purdue University, Indianapolis
©2015 • Cloth 992 pp. • 1-4292-1510-0

Gersting’s Mathematical Structures for Computer Science has long been acclaimed for its clear presentation of essential concepts and its exceptional range of applications relevant to computer science majors.
Kokoska combines a traditional, classic approach to teaching statistics with contemporary examples and pedagogical features, blending solid mathematics with lucid, often humorous writing and a distinctive stepped “Solution Trail” problem-solving path.

Introduction to the Practice of Statistics (IPS) shows students how to produce and interpret data from real-world contexts—doing the same type of data gathering and analysis that working statisticians in all kinds of businesses and institutions do every day. With this phenomenally successful approach originally developed by David Moore and George McCabe, statistics is more than just a collection of techniques and formulas. Instead, students develop a systematic way of thinking about data, with a focus on problem-solving that helps them understand statistical concepts and master statistical reasoning.

New in this Edition
- Examples and exercises more clearly emphasize the decision-making process.
- Chapter Summaries and Review Chapters have been revised to help students check their knowledge and review for exams.
- Summaries are in concise list form, and Skills Reviews (in Review Chapters) refer back to relevant chapter sections.
- Data in examples and exercises have been updated for currency, and new examples and exercises explore contemporary issues such as social media usage.

Statistics: Concepts and Controversies (SCC) introduces liberal arts majors to statistical ideas—and shows them how use those ideas to think about the statistical claims they see every day from polls, campaigns, advertising, public policy, and many different fields of study. It offers a combination of engaging cases, real-life examples and exercises, helpful pedagogy, rich full-color design, and innovative media learning tools.
With *The Practice of Statistics for Business and Economics*, instructors can help students develop a working knowledge of data production and interpretation in a business and economics context, giving them the tools they need to make data-informed, real-world business decisions from the first day of class. For this edition, the exercises and examples (based on real data and 50% new) are geared more than ever to the business student.

This remarkably engaging textbook gives biology students an introduction to statistical practice all their own. It covers essential statistical topics with examples and exercises drawn from across the life sciences, including the fields of nursing, public health, and allied health. Based on David Moore’s *The Basic Practice of Statistics*, PSLS mirrors that #1 bestseller’s signature emphasis on statistical thinking, real data, and what statisticians actually do.

Ward and Gundlach’s conversational style, highly visual approach, practical examples, and step-by-step problem solving help all kinds of students understand the basics of probability theory and its broad applications.
College Physics was written from the ground up to provide instructors and students with a fresh approach to the algebra-based physics course. Its dual emphasis is on developing both deep conceptual understanding and strong problem-solving skills. College Physics also offers students a focus on real-life biological applications to illustrate why physics is important to students’ future fields of work.

New in this Edition

- Dozens of new new figures, emphasizing biological examples and applications.
- Scientific updates, including the presentation of the new SI units of measurement as well as an updated discussion on Radiation and Climate (Chapter 14), describing the connection between atmospheric CO2 and global warming using the most recent data.
- More word balloon hints to help students understand mathematical equations and interpret art.
- Updated worked examples, facilitating learners’ step-by-step process of working through the problem.
- Increased coverage of biological physics including:
  - Optics of microscopes (Chapter 24)
  - Measuring body fat using the principle of buoyancy (Chapter 11)
  - Magnetotactic bacteria, which incorporate tiny bits of magnetic material into their cells to help orient themselves in their swampy environment (Chapter 19)

University Physics for the Physical and Life Sciences teaches the fundamentals of introductory physics, while weaving in formative physiology, biomedical, and life science topics to help students connect physics to living systems. The authors help life science and pre-med students develop a deeper appreciation for why physics is important to their future work and daily lives. With its thorough coverage of concepts and problem-solving strategies, University Physics for the Physical and Life Sciences can also be used as a novel approach to teaching physics to engineers and scientists or for a more rigorous approach to teaching the college physics (algebra-based) course.

Physics for Scientists and Engineers offers a completely integrated text and media solution that will help students learn most effectively and will enable professors to customize their classrooms so that they teach most efficiently. It is also available in these versions:

- **Volume 1 Mechanics/Oscillations and Waves/Thermodynamics** (Chapters 1–20, R), 650 pages, 1-4292-0132-0
- **Volume 2 Electricity and Magnetism/Light** (Chapters 21–33), 828 pages, 1-4292-0133-9
- **Volume 3 Elementary Modern Physics** (Chapters 34–41), 352 pages, 1-4292-0134-7
- **Extended Version** (Chapters 1–41, R), 1356 pages, 0-7167-8964-7

Now Available
Updated Instructor Resources and Test Bank
Introduction to Fourier Optics, Fourth Edition
Joseph W. Goodman
Stanford University (emeritus)
©2017 • Cloth, 491 pages • 1-319-11916-6

Goodman focuses on applications in optics, and in particular with applications to diffraction, imaging, optical information processing, holography, and optical communications.
Best-selling authors David Myers’ and Nathan DeWall’s brief, most affordable introduction to psychology speaks to all students regardless of background or level of preparation, with no assumptions made in the vocabulary, examples, or presentation.

With an author team equally at home in the classroom, in the lab, or on the bestseller list, Introducing Psychology is a textbook written to keep students turning the pages. It offers expert coverage of psychology’s scientific foundations, but communicates in a style that’s anything but that of a typical textbook. Shaped by the authors’ ongoing research and user feedback, the thoroughly updated new edition centers on the theme, “For the love of science,” and offers more study support with new Learning Outcomes. There’s also a new book feature, “A World of Difference,” which focuses on individual differences.

The best-selling Exploring Psychology offers creative ways to help students engage with psychology’s key principles and retain what they’ve read. Myers and DeWall inspire students with fascinating findings and applications, effective new study tools and technologies, and a compassionate and compelling storytelling voice.

My Psychology is a fresh approach to introductory psychology that invites students to make a personal connection to the science of psychology. Unlike other texts, it combines a relatable writing style and digital technology to make the material real and immediate for readers.
Psychology by David Myers and Nathan DeWall continues to be the best-selling introductory psychology text/media resource. And students don’t just use it—they love it. How do we know? They tell us. Students contact the authors regularly to give them feedback and to thank them. The innovations around the text rest on the same foundations that have always distinguished each Myers/DeWall revision—exhaustive updating, captivating writing, and the merging of rigorous science with a broad human perspective that engages both the mind and the heart.

New in this Edition
2100 citations, dated 2015-2020. This edition presents the field of psychology in its current state, including each sub-discipline’s latest research insights.

Heavily revised coverage of gender identity and sexual orientation. The authors represent the abundance of current research in this area, but also encompassing the lived experiences of many people.

“Thinking Critically About...” Infographic Activities. All of these infographics in the text have been revised and updated for the new edition, with two entirely new pieces on “Sexual Aggression” (Module 12) and “How to Be Persuasive” (Module 40).

“Ask Yourself” questions appear periodically throughout each module to help students apply what they are learning to their own lives.

New Student Preface, “How to Use Psychology to Live Your Best Life.” This student preface includes a discussion of “Thinking Critically and Scientifically.”

“The Story of Psychology: A Timeline”. This timeline is now illustrated and has been revised to include the many diverse contributions to psychology’s history.

Also Available

Psychology, Thirteenth Edition, in Modules
1-319-13209-X

This version of Myers/DeWall, Psychology, breaks down the book’s content into 55 brief modules that can be assigned in any order and read in one setting.

Peter Gray’s evolutionary perspective and emphasis on critical thinking have made his comprehensive yet accessible introduction to psychology a widely respected classroom favorite, edition after edition. This edition continues this tradition with co-author David Bjorklund, who engages and stimulates students to investigate the big ideas in psychological science.

This classroom favorite makes the science of psychology (and through that, the process of science itself) come alive for students, with personal stories that exemplify important concepts in a student-friendly way, and with coverage of the field’s scientific foundations and advances that is accessible without being oversimplified. This edition extends the book’s focus on developing scientific literacy in the context of psychology.

Also Available

Psychology, Fifth Edition
Daniel L. Schacter
Harvard University
Daniel T. Gilbert
Harvard University
Daniel M. Wegner
Harvard University
Matthew Nock
Harvard University
©2020 • Cloth, 832 pp. • 1-319-19080-4

This widely used, enthusiastically received textbook is the work of one of the most accomplished author teams in introductory psychology, each a distinguished educator and researcher, and three of them (Schacter, Gilbert, and Wegner) authors of bestselling books for general readers.
Berger’s portrait of the scientific investigation of childhood and adolescent development helps bring an evolving field into the evolving classroom. In addition to exhaustively updated research, this edition is notable for its thorough integration of assessment throughout all aligned with national standards.

New in this Edition

**Chapter Apps** direct students to smartphone apps that can be used to demonstrate real-life applications of childhood and adolescent development research.

**Career Alerts** present career options in various applied settings.

**New and Updated Visualizing Development infographics**, such as Immunization (Chapter 5).

**New topics and research including:**
- COVID-19
- Children separated from parents at the border
- Impact of political partisanship
- Autism Spectrum Disorder
- “Deaths of despair”
- Genetic origins of certain psychological disorders
- Screen time and media use among children and adolescents
- Gender identity

**ALSO AVAILABLE**

**The Developing Person Through Childhood, Ninth Edition**

Kathleen Berger
City University of New York & Bronx Community College
©2021 • Paper. 464 pages • 1-319-06164-8

The first 13 chapters of Berger’s childhood and adolescence text are available as a separate publication.

**Experiencing Childhood and Adolescence, First Edition**

Janet Belsky
Middle Tennessee State University
©2018 • Paper. 672 pp. • 1-319-13377-0

*Experiencing Childhood and Adolescence* reflects a scientist’s understanding of key research, a psychologist’s understanding of people, and a teacher’s understanding of students. This new brief text features significant new findings, a broad-based global perspective, and enhanced media offerings. With all of this, the book’s length and level are just right for a single-term course.

**Theories of Developmental Psychology**

Patricia H. Miller
San Francisco State University
©2016 • Paper. 520 pp. • 1-4292-7898-6

Always reflective of the latest research and thinking in the field, Patricia Miller’s acclaimed text offers an ideal way to help students understand and distinguish the major theoretical schools of child development. This fully updated new edition includes a new focus on biological theories of development, and offers new instructor resource materials.

**How Children Develop, Sixth Edition**

Robert S. Siegler
Carnegie Mellon University
Jenny Saffran
University of Wisconsin-Madison
Nancy Eisenberg
Arizona State University
Judy S. DeLoache
University of Virginia
Elizabeth Gershoff
University of Texas at Austin
©2020 • Cloth. 880 pp. • 1-319-18456-1

*How Children Develop* is the topically organized textbook teachers and researchers trust for the most up-to-date perspectives on child development. The authors—each a well-known scientist and educator—introduce important concepts and discoveries with an unparalleled integration of theory, cultural research, and applications.
When it comes to communicating the current state of developmental psychology, no author is more effective than Kathleen Berger. Berger’s rigorous updating and appealing writing helps students grasp the important theoretical and scientific work driving the field today. And her wide-ranging cultural perspective and focus on universal themes help students see the relevance of the field to their own lives and the lives of all kinds of people all over the world.

IN THE TEXT

Unique coverage of Neuroscience and Development. A separate chapter on Neuroscience (Ch. 5) tells a cohesive story about brain development across the life span. In addition, in some chapters, Inside the Brain presents cutting-edge research on the brain with charts, figures, and photos.

Attention to Cultural Diversity. Berger highlights cultural differences and universals and their impact on the values and customs that shape individual development.

Critical Thinking and Applications-Based Pedagogy. From the chapter-opening stories and the “A View From Science” and “A Case to Study” features, to the questions presented in “Observation Quizzes,” “Especially For,” “Think Critically,” and new “Chapter Apps” marginalia, to the Visualizing Development infographics, Berger’s pedagogy has students thinking about the real implications—for themselves and for the world at large.

Opposing Perspectives asks students to look at both sides of a controversial issue (from prenatal sex selection to e-cigarettes, etc.), thereby expanding the coverage of critical thinking.

Career Alerts present career options in various applied settings.
With its signature integrated coverage of theory, diagnosis, and treatment, and remarkably inclusive cross-cultural perspective, this new edition of Comer’s widely adopted textbook shows students where the study and treatment of psychological disorders stand today. This edition adds new co-author, Jonathan Comer.

**New to This Edition**

**New Chapter 7, Depressive and Bipolar Disorders** combines coverage that was previously in separate chapters.

**Comprehensive addition of COVID-19 pandemic-related material**, including ties between the pandemic and PTSD, anxiety disorders, depression, suicide, sexual functioning, family abuse, and substance abuse; special impact of the pandemic on children; and the pandemic-related shift toward telemental health.

**Expanded coverage** of new technologies and their impact on clinical research and treatment throughout the book.

**New topic discussions** such as the impact of vaping, ketamine-based treatment for depression, and sexual assaults on transgender and non-binary persons.

An award-winning teacher, accomplished researcher, and experienced therapist, Ron Comer knows how to communicate the complexities of abnormal psychology to students. For the new edition, he is joined by Jonathan Comer.
How can seemingly good people justify behavior that not only defies decency but devastate other lives? With this revelatory work, Albert Bandura draws on his own exhaustive research to uncover the mechanisms by which individuals and organizations commit and rationalize harmful behavior.

Drawing on over 50 years of combined teaching and research, the authors guide students through the rich diversity of the science of social psychology and its insights into everyday life. Each chapter organically weaves together explanations of theory, research methods, empirical findings, and applications, showing how social psychologists accumulate and apply knowledge toward understanding and solving real-world problems.

New to This Edition

New research on: social media and memory (Ch 5); the gap between reflected and actual appraisals (chapter 5); forgiving politicians who make up facts when they argue for positions we support (Ch 8); uncertainty and radicalization (Ch 9); discrimination and health outcomes (Ch 11); the weapons effect and driving (Ch 12); existential isolation (Ch 14); attraction in gender non-conforming relationships (Ch 14).

New Critical Learning Activities at the end of each chapter.

Social Psychology in Everyday Life marginal icons point to real students’ stories, told in their own words, about how what they learned in class related to their lives outside of school.

New and updated Applications features such as Using Social Learning from Television to Better Lives (Ch 7) and Should Universities be Selling Beer? (Ch 8).
Written by two masterful researcher/educators, *Fundamentals of Human Neuropsychology* was the first textbook to introduce students to the scientific exploration of human behavior from a neuroscientist’s perspective. With this updated new edition, Kolb and Wishaw again take students to the very forefront of one of the most eventful and impactful areas of scientific inquiry today.

**New to This Edition**

**Updated throughout** with recent research on neural networks, particularly reflected in greater emphasis on network analysis in the Part II: Cortical Functions chapters, including revised part structure.

**Part IV: Higher Function chapters heavily revised**, with updated research and case studies, particularly in the areas of plasticity and neurological and psychiatric disorders.

**Significantly revised coverage** of asymmetry (Chapters 11-12) to reflect contemporary understanding.

From authors Bryan Kolb, Ian Whishaw, and G. Campbell Teskey, *An Introduction to Brain and Behavior* offers a unique inquiry-based approach to behavioral neuroscience with each chapter focusing on a central question (i.e., “How Does the Nervous System Function?”). The authors emphasize a distinctive clinical perspective, with examples that show students what happens when common neuronal processes malfunction.

With its clear and concise presentation, *Behavioral Genetics, Seventh Edition* introduces students to the field’s underlying principles, defining experiments, ongoing controversies, and most recent discoveries. The text provides students with an understanding of heredity, its DNA basis, the methods used to discover genetic influence on behavior and identify specific genes. It then examines what is known about genetic influence on cognitive ability, psychopathology, substance abuse, personality, health psychology, and aging. Finally it looks at the future of the field of behavioral genetics—an area where some of the most exciting development in the behavioral sciences are being made.

*Julien’s Primer of Drug Action* continues to evolve side by side with the field it covers providing a thoroughly up-to-date look at psychotherapeutic and recreational drugs, including the latest research and the newest formulations.

Like no other text, *Sensation and Perception* expertly introduces students to how we sense and perceive the world around us. Using clear and detailed explanations and highly effective illustrations the text illuminates the connections between mind, brain, and behavior in the realm of sensation and perception. Seamlessly integrating classic findings with cutting edge research in psychology, physiology and neuroscience, this edition explores the questions researchers are seeking to answer to today and the methods of investigation they are using.
This introduction to the basics of statistics is uniquely suited for behavioral science students, with coverage anchored to real-world stories, a highly visual approach, helpful mathematical support, and step-by-step examples.

New to This Edition

New Consultant, Kelly Goedert, professor of psychology at Seton Hall University, where she is also a faculty member in the Data Visualization and Analysis program.

Emphasis on Data Ethics, in response to comprehensive new guidelines encouraging transparent, ethical research.

New Chapter, Choosing and Reporting Statistics, covering everything from pre-registering your study to what open-science badges tell us about the findings in a published paper.

The more comprehensive version of Nolan and Heinzen’s textbook offers coverage anchored to real-world stories, a highly visual approach, helpful mathematical support, and step-by-step examples.

The only book on the market that teaches students about research methods using a case study approach. Students come away with a practical understanding of the research process and useful practice in the basic steps that comprise all studies.

An award-winning master teacher, Corty speaks to students in their language, conveying the basics of collecting and understanding statistical data step by step. Examples come from the behavioral and social sciences, as well as from recognizable aspects of everyday life.

With over two decades of classroom experience, Michael Passer knows how to guide students through the ins and outs of research methods. In this remarkable text, Passer’s experience leads to chapters filled with clear explanations, resonant examples, and contemporary research from across the breadth of modern psychology, all while anticipating common questions and misunderstandings.

For complete contents and media supplements information visit www.macmillanlearning.com
**Industrial/Organizational Psychology**

*Industrial/Organizational Psychology: Understanding the Workplace, Sixth Edition*
Paul Levy  
The University of Akron  
©2020 • Cloth, 640 pp. • 1-319-10739-7

Written by a leading researcher in one of the nation’s top I/O programs, Paul Levy’s text has long been acclaimed for its concise, research-based approach and personable writing. With this thoroughly updated new edition, students have ample opportunities to explore what’s happening in I/O psychology today, through voices directly from the field (Practitioner Forum), brief takes on current events issues (I/O Today), applied practice (Taking it to the Field), and critical and applied exercises at the end of each chapter.

**Health Psychology**

*Health Psychology: A Biopsychosocial Approach, Sixth Edition*
Richard Straub  
University of Michigan–Dearborn  
©2019 • Cloth, 485 pp. • 1-319-16981-3

With Straub’s *Health Psychology*, students explore the interrelationship of psychological and physical well-being, making meaningful connections between health psychology theory and research and their own everyday experience.

*Psychology of Sex and Gender*
Susan Burns  
Clarke University  
©2019 • Cloth, 576 pp. • 1-4641-8223-X

*Psychology of Sex and Gender* introduces students to foundational topics of sex and gender, as well as cutting-edge topics and research, encouraging them to (re)think their perceptions of the gendered world around them.

Many textbooks in this domain focus more on women’s studies or psychology of women without much coverage of men’s issues, but Burns offers a comprehensive and balanced sex/gender perspective integrating contemporary research. In addition, this text provides an integration of current and relevant (mis)representations of issues related to sex and gender as a means for furthering students’ awareness of the gendered world in which they live.

*Health Psychology, Second Edition*
Leslie D. Frazier  
Florida International University  
©2020 • Cloth, 448 pp. • 1-319-19148-7

Frazier’s *Health Psychology* provides an accessible and empirically-based approach to understanding health psychology. It goes beyond other mainstream textbooks by introducing students to global and cross-cultural health issues, covering cutting-edge scientific and medical topics in ways that students can understand. The author integrates core theory, research, and practice in an engaging and practical way.
Your College Experience provides today’s diverse students with the help they need for the transition to college—and useful strategies for success in college and beyond. With a focus on goal setting and a continued emphasis on the ten High-Impact Practices identified by the American Association of Colleges & Universities, this edition features an expanded chapter on emotional intelligence, a revised and peer-reviewed chapter on diversity, and an updated Majors and Careers chapter that spotlights current research about the economy and career success.

Understanding Your College Experience addresses the needs of the widest possible range of students through its content coverage and organization, activities, assessment, and design. Using a research-driven approach informed by decades of information on the first year experience, the author team provides students who need the most support with the practical help necessary to flourish in college and beyond. Thoroughly updated, the new edition puts even more emphasis on career planning and development.

The Pocket Guide to College Success provides straightforward and easily consumable coverage on all the topics typically found in a full-size college success text in a handy, affordable, highly-customizable format. Chapters on academic skills like time management, academic planning, and note-taking get students ready for success in class, while life skills like goal-setting, money management, and interpersonal communication help them throughout their entire collegiate experience and beyond. Perfect for use as a self-directed student reference outside of an orientation course (or where there is no such course), Pocket is also a full-course solution, available with a robust instructor’s manual and suite of digital resources.
COMMUNICATION

MASS COMMUNICATION

Media and Culture: Mass Communication in the Digital Age, Twelfth Edition
Richard Campbell
Miami University of Ohio
Christopher R. Martin
University of Northern Iowa
Bettina Fabos
University of Northern Iowa
©2019 • Paper, 672 pp. • 1-319-10285-9

The #1 introduction to mass communication text, Media & Culture is at the forefront of the ever-changing world of this dynamic course, addressing the most current issues of our time—including the proliferation of fake news, the #metoo movement, the use and abuse of social media platforms, consumer privacy, and the role media plays in our democracy. This edition digs deeper than ever into the worldwide reach and ethical implications of today’s media by highlighting global issues (foreign interference in social media; the effect of international box office revenue on the film industry), and ethical considerations (the fight against sexual harassment across media industries; coverage of recent mass shootings).

Media Essentials, Fifth Edition
Richard Campbell
Miami University of Ohio
Christopher R. Martin
University of Northern Iowa
Bettina Fabos
University of Northern Iowa
Shawn Harmsen
Coe College
©2020 • Paper, 560 pp. • 1-319-20817-7

A concise and affordable resource for the mass communication course, Media Essentials provides a flexible, informative, and relevant breakdown of what the media is, how it works, and how it impacts today’s most talked-about subjects. From #metoo to content streaming to social media and politics, students learn how a wide variety of recent developments have impacted the mass-media landscape—and how past innovation and change have informed our current media world.

News Reporting and Writing, Thirteenth Edition
The Missouri Group
©2020 • Paper, 544 pages • 1-319-20816-9

News Reporting and Writing teaches essential reporting and writing skills within the context of today’s digital media landscape. The Missouri Group, including new author, Beverly Horvit, focuses on developing the skills journalists actually use and the many careers in which they, and students, could use them—from working in news, to advertising, to public relations. This extensive revision offers diverse examples and a focus on the role of technology to give students a strong foundation in the craft and raise awareness of current issues like fake news and censorship.

Working with Words: A Handbook for Media Writers and Editors, Tenth Edition
The Missouri Group
©2020 • Paper, 544 pages • 1-319-20117-2

Regardless of the medium—from print to broadcast to PR to digital—Working with Words serves as an invaluable reference for mass communication students throughout their academic and professional careers. Helping students become better journalists and media writers, the text combines news writing acumen with good, journalistic form, covering the full spectrum of writing skills from understanding basic methods of style and writing to mastering English grammar and mechanics.

FILM

The Film Experience: An Introduction, Sixth Edition
Timothy Corrigan
University of Pennsylvania
Patricia White
Swarthmore College
©2021 • Paper, 528 pp. • 1-319-20818-5
Pub Date: 11/06/2020

The Film Experience offers a comprehensive introduction to the art, language, industry, culture, and experience of the movies. The text highlights how formal elements like cinematography, editing, and sound can be analyzed and interpreted within the context of a film as a whole. The new edition emphasizes film technology through expanded coverage of animation and a new Technology in Action feature, which puts the evolving technology of film in historical context.
Anatomy of Film, Twelfth Edition
Bernard F. Dick
Farleigh Dickinson University
©2010 • Paper, 450 pp. • 0-312-48711-8

Designed to be used in film-as-literature or introduction to film courses in English, film, or communication departments, Anatomy of Film covers all of the essential elements of film—from genre, lighting, and editing to music, sound, and narration. Its student-friendly approach makes it ideal for those new to the discipline.

Adam Leipzig
Barry S. Weiss
with Michael Goldman
©2016 • Paper, 416 pp. • 0-312-61699-6

With storytelling and collaboration as core principles, industry insiders Adam Leipzig (former President of National Geographic Films), and Barry Weiss (former head of animation at Sony Pictures), with Michael Goldman (prominent journalist and industry expert), guide students through the skills and the craft of video and filmmaking. With unparalleled access to the industry’s most accomplished and insightful professionals, budding filmmakers will learn techniques from the very best.

Inside Track for Independent Filmmakers, First Edition
Adam Leipzig
©2016 • Paper, 288 pp. • 1-319-01318-X

This concise volume tells independent filmmakers exactly what they need to do to get their movie made and find the perfect audience, including how to: get a great cast; pitch the project to financiers; find the evidence to support your creative vision; work the festival circuit like a pro; and make your film incredibly attractive to distributors.

Organizational Communication: Balancing Creativity and Constraint, Eighth Edition
Eric M. Eisenberg
University of South Florida
Angela Trethewey
Arizona State University
Marianne LeGreco
H. L. Goodall, Jr.
late of Arizona State University
©2017 • Cloth, 800 pp. • 1-319-05234-7

Organizational Communication covers the core theories and skills that organizational communication students need, sharing the very best of current scholarship, particularly on rapidly evolving topics like diversity, economics, and technology. Throughout, students put what they’re learning into practice, always considering both the enabling and constraining aspects of communication. Striking this balance between creativity and constraint helps people achieve their professional and personal goals.

Speech Craft, Second Edition
Joshua Gunn
University of Texas at Austin
©2021 • Cloth, 464 pp. • 1-319-20156-3

Pub Date: 10/01/2020

Wildly successful in its first edition, Speech Craft has drawn accolades for its distinctive personality, student-friendly tone, and support for teaching the public speaking course both face-to-face and online. The new edition explores public speaking as advocacy and pays careful attention to diversity, empowering students to make ethical connections with their audiences and meaningful differences in the world around them.

Speak Up: An Illustrated Guide to Public Speaking, Fifth Edition
Douglas M. Fraleigh
California State University, Fresno
Joseph S. Tuman
San Francisco State University
©2020 • Paper, 768 pp. • 1-319-20812-6

Written by professors with 40+ combined years’ experience teaching the course and a competitive background in debate, Speak Up! connects with students through lively writing, compelling real-life examples, practical guidance, and hundreds of custom-drawn illustrationst.
This best-selling brief guide offers practical coverage of every topic typically covered in a full-sized text, from invention, research and organization, practice, and delivery, to the different speech types. Its concise, inexpensive format makes it perfect not only for the public speaking course, but also for any setting across the curriculum, on the job, or in the community.

A Speaker’s Guidebook is the best resource for public speaking in the classroom, on the job, and in the community. Praised for connecting with students who use it (and keep it!) year after year, this market leading tabbed, comb-bound text covers all the topics typically taught in the introductory course and is the easiest-to-use public speaking text available.

Real Communication uses lively stories from real people to teach the theory and skills of human communication available today. Through a down-to-earth writing style, the authors incorporate the current scholarship to reflect the world we live in—from the challenges that arise with pervasive digital media to new ways for understanding listening goals.

Reflect & Relate helps students develop the interpersonal communication skills needed to face life’s challenges, presenting the latest theory and research with learning tools that makes this scholarship easy to understand and apply. For this edition, McCornack teams up with the ideal co-author—his life partner, Professor Kelly Morrison.
Ways of Reading: An Anthology for Writers, Twelfth Edition
David Bartholomae
University of Pittsburgh
Anthony Petrosky
University of Pittsburgh
Stacey Waite
University of Nebraska–Lincoln
©2020 • Paper, 720 pp. • 1-319-19580-6

By engaging students in conversations with key academic and cultural texts, Ways of Reading helps them develop the intellectual skills necessary for academic work. It mixes shorter, more accessible readings from a broader range of academic disciplines, helping students become better writers by becoming more engaged and critical readers.

The Bedford Handbook, Eleventh Edition
Diana Hacker
Prince Georges Community College (late)
Nancy Sommers
Harvard University
©2020 • Paper, 960 pp. • 1-319-18269-0

This reimagined edition takes a fresh “essentials” approach to writing, research, style, and grammar. Students will quickly find answers in the book’s direct explanations and step-by-step instruction. They’ll get practice and guidance with exercises, how-to guides, model papers, and class-tested examples. All this in a book that’s easier to use and more affordable than ever.

Rules for Writers, Ninth Edition
Diana Hacker
Prince Georges Community College (late)
Nancy Sommers
Harvard University
©2019 • Spiral Bound, 656 pp. • 1-319-05742-X

This affordable, easy-to-use, comprehensive composition tool offers the quality you expect from authors you trust. This edition offers even more help for underprepared and inexperienced writers—sentence guides that foster an academic voice, tips for spotting fake news and misleading sources, more on paraphrasing, and fifteen new “how-to” pages that offer practical help for writing challenges.

Research and Documentation in the Digital Age, Seventh Edition
Diana Hacker
Prince Georges Community College (late)
Nancy Sommers
Harvard University
©2019 • Spiralbound, 288 pp. • 1-319-15243-0

With advice for finding, evaluating, and documenting sources, this handy spiral-bound pocket guide covers the essential information college students need for research assignments in more than 30 disciplines. Up-to-date documentation models guide students as they cite common sources and newer sources in the current editions of one of four documentation styles (MLA, APA, Chicago, and CSE).

The Art and Craft of Fiction, Second Edition
Michael Kardos
Mississippi State University
©2017 • Paper, 416 pp. • 1-319-03042-4

Brief, practical, and affordable, The Art and Craft of Fiction gives aspiring writers all they need, in a friendly voice that students love. Michael Kardos focuses on technique and presents fiction writing as a teachable (and learnable) art. With an organization built on methods and process rather than traditional literary elements, Kardos helps students begin their stories, write strong scenes, use images and research detail, revise for aesthetics and mechanics, and finish and polish their own stories.

Elizabeth Losh
University of California, San Diego
Jonathan Alexander
University of California, Irvine
Kevin Cannon
Xander Cannon
©2017 • Paper, 352 pp. • 1-319-04213-9

Combining the composition know-how of Liz Losh and Jonathan Alexander with the comic art of Kevin Cannon (Far Arden, Crater XV) and Zander Cannon (Heck, Kaijumax), Understanding Rhetoric encourages deep engagement with core concepts of writing and rhetoric, using fun illustrations to help students put concepts to use in their own reading and writing.
Empowering and inspiring, Andrea Lunsford’s *The Everyday Writer* invites students to think rhetorically, communicate ethically, listen respectfully, experiment with language, and adopt openness as a habit of mind necessary for democracy.

The new edition introduces chapters on college expectations and on language and identity as well as substantial new advice for reading and interrogating sources, seeking common ground with opponents, using varieties of English, and being open to new approaches in common academic genres. As always, Lunsford’s Top Twenty—now its own tabbed section—serves as a guide for building students’ confidence as editors of their own writing.

Full of clear, practical advice and real-world examples from a range of sources, this classic text gives students practice with the kinds of writing processes and products they’ll encounter on the job. The new edition shines a light on the challenges of writing in a variety of contexts across a variety of media and continues to provide thorough guidance with new examples that prepare students to become effective, responsible communicators in a technologically saturated world.

In *Practical Strategies for Technical Communication*, the authors give students the essentials they’ll need to communicate successfully in today’s workplace. The book offers concise yet thorough coverage of audience and purpose, research, style, and document design, and strategies for designing all of the major document types.

Written by a professional biologist and experienced writing teacher, this comprehensive guide for students provides detailed instruction on researching, drafting, revising, and documenting lab reports, research papers, reviews, poster presentations, and other commonly assigned projects in biology courses. The seventh edition features updated coverage of research methods and new student examples from a wider variety of sub-disciplines in biology that support students at all levels of biology.
Habits of the Creative Mind, Second Edition
Richard E. Miller
Rutgers University
Ann Jurecic
Rutgers University
©2020 • Paper, 368 pp. • 1-319-10396-0

In this refreshingly conversational volume, students will learn to trust and refine their own thinking and improve their writing—at all skill levels. And throughout, they will benefit from innovative, manageable exercises—which may be completed in any order—to help them along the way.

Writing that Works, Thirteenth Edition
Walter Oliu,
Miami University of Ohio
Charles T. Brusaw,
late of Sinclair Community College
Gerald J. Alred,
University of Wisconsin–Milwaukee
©2020 • Paper, 720 pp. • 1-319-10446-0

More than ever, Writing That Works is the right choice for coverage of business writing. It reflects the central role of technology in the office and the classroom, showcasing the most current types of business documents online and in print.

NEW EDITION

The Bedford Researcher, Seventh Edition
Mike Palmquist
Colorado State University
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Pub Date: 08/14/2020

The Bedford Researcher helps students learn how to locate relevant, credible sources, to evaluate competing ideas and arguments, and to share our thoughts with others in a compelling, well-supported manner.

In Conversation, Second Edition
Mike Palmquist
Colorado State University
Barbara Walraff
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With a strong rhetorical foundation, In Conversation blends the comprehensive coverage and quick navigation of a pocket-size handbook with the guidance of a rhetoric.

John J. Ruszkiewicz
The University of Texas at Austin
Jay T. Dolmage
University of Waterloo
©2019 • Paper, 672 pp. • 1-319-10397-9

Instructors at hundreds of colleges and universities have turned to How to Write Anything for clear, focused writing advice that gives students just what they need, when they need it. And students love it—because John Ruszkiewicz’s tone makes writing in any genre approachable, with a flexible, rhetorical framework for a range of common academic and real-world genres, and a reference with extra support for writing, research, design, style, and grammar.

Creative Writing: Four Genres in Brief, Third Edition
David Starkey
Santa Barbara City College
©2017 • Paper, 400 pp. • 1-319-03533-7

Creative Writing: Four Genres in Brief offers concise, accessible instruction in the basics of writing poetry, fiction, creative nonfiction, and drama.

Becoming a College Writer: A Multimedia Text, First Edition
Todd Taylor
University of North Carolina at Chapel Hill
©2019 • Paper, 544 pp. • 0-312-48640-5

Like no other textbook before, this text is shaped by student writers. It’s based on 100 interviews with students who had recently finished first-year writing. Their words and voices—in brief videos and example texts—create a conversation about writing that asks students to engage with other college writers personally, learning from their challenges and successes.
Updated to reflect the current edition of the *Chicago Manual of Style*, this guide provides comprehensive coverage of the historian’s research process—from formulating a research question to finding, evaluating, and working with print and online sources.

Strayer and Nelson provide an insightful, big picture synthesis that helps students discern what matters most in world history—patterns and variations on both global and regional levels and continuity and change over time.

New in this Edition

**New emphasis on environmental history** threads through the book from a discussion of how the environment shaped human migration and settlement in the Paleolithic and Neolithic eras in Chapter 1 to analysis of the impact of global energy production and consumption on climate change in Chapter 33.

**Updates incorporate the latest scholarship** including discussions of: human evolution (Chapter 1); the actual practices of Islam (Chapter 9); the Black Death (Chapter 14); Indian Ocean trade (Chapter 16); the “Little Ice Age” (Chapter 18); ocean fishing and whaling (Chapter 20); and human rights and liberation movements (Chapter 32).

**Reversed order of Chapters 12 and 13** to better align with the more common course organization; Chapter 12 (“States and Cultures in East Asia 800–1400”) is now followed by Chapter 13 (“Cultural Exchange in Central and Southern Asia 300–1400”).
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