Human Biology Sylvia Mader 12th Edition

Human Reproductive Biology focuses on the processes, concerns, and trends in human reproduction. Divided into four parts with 19 chapters, the book starts by tracing the history of human reproduction biology and the questions and choices involved. The first part focuses on the male and female reproductive systems. The text notes the different organs involved in reproduction, including the penis, scrotum, vagina, oviducts, and mammary glands. The book discusses sexual development and differentiation, particularly noting the variance of sex ducts and glands, external genitalia, and disorders of sexual development and determination. The text also looks at puberty. Concerns include gonadal changes from birth to puberty; mechanisms that influence puberty; and puberty and psychosocial adjustment. The second part deals with menstrual cycle, fertilization, pregnancy, labor, and birth. Some of the concerns include length of menstrual cycle; absence of menstruation; transport of sperm and ovum in the oviduct; and semen release. The text also highlights labor and birthing processes as well as the relationship of neonates and parents. The third part looks at the medical aspects of human reproduction, infertility, and sexually transmitted diseases. Concerns include contraception, abortion, herpes genitalis, and vaginitis. The text folds with discussions on human sexual behavior, population growth, and family planning. Concerns include sexual dysfunction; the effects of overpopulation; and population control. The book is a vital source of data for readers interested in human reproduction.

Business Communication is the newest Business Communication textbook that was created with students and professors needs in mind. A unique approach to a hands-on course, written by the co-authors of Business Communication: Making Connections in a Digital World, 12/e, provides both student and instructor with all the tools needed to navigate through the complexity of the modern business communication environment.

Basic biological concepts and processes with a human emphasis. From the unique delivery of biology content, to the time tested art program, to the complete integration of the text with technology, Dr. Sylvia Mader has formed a teaching system that will both motivate and enable your students to understand and appreciate the wonders of all areas of biology. Inquiry into Life, 15/e emphasizes the application of all areas of biology to knowledge of human concerns, what the students are able to relate to. This distinctive text was developed to stand apart from all other non-majors texts with a unique approach, unparalleled art, and a straightforward, succinct writing style that has been acclaimed by both users and reviewers. In the 15th edition, the authors have focused on the concept of inquiry and a student’s inherent desire to learn. To do this, they integrated a tested, traditional learning system with modern digital and pedagogical approaches designed to stimulate and engage today’s student.

Mader's Understanding Human Anatomy and Physiology continues to be the perfect text for a one-semester course, because it was designed for this audience from the very first edition. The text is celebrating its tenth anniversary with a complete facelift, which I believe makes the content even more approachable, user friendly and exciting. Each chapter now begins with an infographic that details fascinating facts about the chapter's subject.

Introduction to human reproduction and sexual behavior - The female and male reproductive systems - The Brain and Pituitary Gland - The adult female reproductive system - The adult male reproductive system - Sexual differentiation and development - Puberty - Procreation - The menstrual cycle - Gamete transport and fertilization - Pregnancy - Labor and Birth - The neonate and the new parents - Human genetics - Medical aspects of human reproduction - Contraception - Induced abortion - Infertility - Sexually transmitted diseases - Human sexual behavior - The human sexual response - Patterns of human sexual behavior - The psychology and sociology of sexual behavior - Human population growth and family planning.

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"The barbarian rules by force; the cultivated conqueror teaches." This maxim form the age of empire hints at the usually hidden connections between education and conquest. In Learning to Divide the World, John Willinsky brings these correlations to light, offering a balanced, humane, and beautifully written account of the ways that imperialism's educational legacy continues to separate us into black and white, east and west, primitive and civilized.

Overview Instructors consistently ask for a Human Biology textbook that helps students understand the main themes of biology through the lens of the human body. Mader’s Human Biology, 15th Edition accomplishes the goal of improving scientific literacy, while establishing a foundation of knowledge inhuman biology and physiology. The text integrates a tested, traditional learning system with modern digital and pedagogical approaches designed to stimulate and engage today’s student. Dr. Michael Windelspecht represents the new generation of digital authors. Through the integration of an array of multimedia resources,Michael has committed to delivering the tried-and-true content of the Mader series to the new generation of digital learners. A veteran of the online, hybrid,and traditional teaching environments, Michael is well-versed in the challenges facing the modern student and educator.

THE MADER/WINDELSPECHT STORY... The twelfth edition of Biology is a traditional, comprehensive introductory biology textbook, with coverage from Cell Structure and Function to the Conservation of Biodiversity. The book, which centers on the evolution and diversity of organisms, is appropriate for any one- or two-semester biology course. Biology, 12th Edition is the epitome of Sylvia Mader's expertise. Its concise, precise writing-style employs lucid language to present the material as succinctly as possible, enabling students—even non-majors—to master the foundational concepts before coming to class. “Before You Begin”, “Following the Themes”, and “Thematic Feature Readings” piece together the three major themes of the text—evolution, nature of science, and biological systems. Students are consistently engaged in these themes, revealing the interconnectedness of the major topics in biology. Sylvia Mader typifies an icon of science education. Her dedication to her students, coupled with her clear, concise writing-style has benefited the education of thousands of students over the past three decades. The integration of the text and digital world has been achieved with the addition of Dr. Michael Windelspecht’s facility for the development of digital learning assets. For over ten years, Michael served as the Introductory Biology Coordinator at Appalachian State University—a program that enrolls over 4,500 non-science majors annually. Michael is the lead architect in the design of McGraw-Hill's Connect Plus and LearnSmart media content for the Mader series. These assets allow instructors to easily design interactive tutorial materials, enhance presentations in both online and traditional environments, and assess the learning objectives and outcomes of the course.

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The biological sciences cover a broad array of literature types, from younger fields like molecular biology with its reliance on recent journal articles, genomic databases, and protocol manuals

to classic fields such as taxonomy with its scattered literature found in monographs and journals from the past three centuries. Using the Biological Literature: A Practical Guide, Fourth Edition is an annotated guide to selected resources in the biological sciences, presenting a wide-ranging list of important sources. This completely revised edition contains numerous new resources and descriptions of all entries including textbooks. The guide emphasizes current materials in the English language and includes retrospective references for historical perspective and to provide access to the taxonomic literature. It covers both print and electronic resources including monographs, journals, databases, indexes and abstracting tools, websites, and associations—providing users with listings of authoritative informational resources of both classical and recently published works. With chapters devoted to each of the main fields in the basic biological sciences, this book offers a guide to the best and most up-to-date resources in biology. It is appropriate for anyone interested in searching the biological literature, from undergraduate students to faculty, researchers, and librarians. The guide includes a supplementary website dedicated to keeping URLs of electronic and web-based resources up to date, a popular feature continued from the third edition.

This best-selling text emphasizes the relationship between humans and other living things. Intended for an introductory course, this text provides students with a firm grasp of how their bodies function and how the human population can become more fully integrated into the biosphere. An Online Learning Center, tied directly to the text via icons, will direct students to activities or animations that gives a "visual example" of difficult processes as well as "Working Together" boxes to emphasize homeostasis.

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