

All textbooks will be available from the Rittenhouse website. Recommended reference books are available on library reserve or may be purchased. Books can generally be purchased at a discount from Rittenhouse. LWW, or other vendors (e.g. Amazon). Some books may also be available through “on-line” purchases. Stated costs are estimated MSRP. (Revised 08/05/09)

## Class of 2011: Summer, Fall, and Spring 2009-2010

### **PHA 0200 (Summer P2 year) Pharmacokinetics (reviewed throughout pharmacotherapy sequence):**

#### **Required textbook:**

Dipiro, J.T., Spruill, W.J., and Wade, W.E., *Concepts in Clinical Pharmacokinetics*, American Society of Health-System Pharmacists, 4th Ed., 2005, ISBN: 1585281247. (\$75.00)

#### **Recommended reference books:**

Rowland, M., and Tozer, T.N., *Clinical Pharmacokinetics Concepts and Applications* Lippincott, Williams & Wilkins, ISBN: 0683074040

Shargel, L., Wu-Pong, S., and Yu, A.B.C., *Applied Biopharmaceutics and Pharmacokinetics*, McGraw Hill, ISBN: 007137550-3

### **PHA 0210 Drug Information, Clinical Research and Biostatistics:**

#### **Required textbook:**

Malone, P.E., Kier, K.L., Stanovich, J.E., *Drug Information: A Guide for Pharmacists*. 3rd edition. New York: McGraw-Hill Companies, Inc.; 2006. ISBN: 0071437916. (\$59.95)

### **PHA 0215 Pharmacy Administration:**

#### **Required textbook:**

Rascati, K.L., *Essentials of Pharmacoeconomics*. Lippincott Williams & Wilkins; 1 edition (February 1, 2008), ISBN-13: 978-0781765442. (\$60.95)

Desselle, S.P., Zgarrick, D.P., *Pharmacy Management: Essentials for All Practice Settings*. McGraw-Hill Medical; 1st edition, ISBN-13: 978-0071418690. (\$54.95)

### **PHA 0200 level Pharmacotherapy sequence courses through Spring 2010:**

**Pharmacotherapy sequence (“Dipiro” is required for all second year students; however, first year students may find this book useful as we integrate fundamental basic science concepts into the therapeutic uses of medication)**

#### **Required textbook:**

Dipiro, et al., *Pharmacotherapy: A pathophysiologic approach*. 7th ed. 2008 (Please note that this is a new edition), ISBN: 007147899X. (\$190)

Gilbert, D.N., Moellering, R.C., Eliopoulos, G.M., Chambers, H.F. *Sanford Guide to Antimicrobial Therapy 2009 Pocket Edition*, ISBN 978-1930808522 (\$15.25).

#### **Recommended reference books:**

Perry, M.C. *The Chemotherapy Source Book*. Philadelphia: Lippincott Williams & Wilkins; 4th Ed. 2008.

### **PHA 0250 (Spring P2 year) Physical Assessment:**

#### **Required textbook:**

Bickley, L., *Bate's guide to physical assessment*, 9th ed., 2007, ISBN: 0781785197. (\$99.95)

#### **Recommended reference books:**

Jones, R.M., *Patient assessment in pharmacy practice*, ISBN: 0683302566. (\$62.95)

Willis, M.C., *Medical Terminology: A Programmed Learning Approach to the Language of Health Care*. Lippincott Williams & Wilkins; 2 edition, ISBN-13: 978-0781792837

## **Class of 2012: Fall 2009 and Spring 2010:**

### **PHA 0100 Introduction to Pharmacy and Health Care Systems (Fall P1 year):**

#### **Recommended reference books:**

McCarthy, R.L., Schafermeyer, K.W. *Introduction to Health Care Delivery: A Primer for Pharmacists*. Jones & Bartlett Publishers; 4th edition (2007), ISBN-13: 9780763743536. (\$77.95)

Any Medical dictionary, such as *Stedman's Medical Dictionary* or *Taber's Cyclopedic Medical Dictionary*. A medical spell checker for your Office suite is also highly recommended.

### **PHA 0140 Communications (Fall P1 year):**

#### **Required textbooks:**

Beardsley, R.S., Kimberlin, C.L., Tindall, W.N. (2007) *Communication skills in pharmacy practice*, 5th edition, 2007, Lippincott, Williams & Wilkins. ISBN: 0781765986. (\$45.95)

Reinders, T., *The Pharmacy Professionals Guide to Resumes, CVs, & Interviewing*, 2nd Edition with CD-ROM, 2005, ISBN: 1582120765. (\$45.00)

#### **Recommended reference books:**

Berger, B.A. *Communication Skills for Pharmacists*. ISBN: 1582120803

Groopman, J. *How Doctors Think*. ISBN: 0618610030

### **PHA 0112 Biochemistry and Cellular Biology (Fall P1 year and reviewed throughout biomedical coursework):**

#### **Required textbook:**

Lieberman, M.A., *Allan Marks, Marks' Basic Medical Biochemistry: A clinical approach*, 3rd edition, 2006, Lippincott Williams & Wilkins; ISBN-13: 978-0781770224. (\$74.95)

#### **Recommended reference book:**

Murray, R.K., Granner, D.K., Mayes, P.A., Rodwell, V.W., *Harper's Illustrated Biochemistry* (Harper's Biochemistry), 28th ed., 2006, ISBN: 0071625917. (\$54.95)

### **PHA 0112, 0145 - 0170 (Fall and Spring P1 year); Medicinal Chemistry is reviewed in all biomedical coursework:**

#### **Required textbooks:**

Lemke, *Review of Organic Functional Groups: Introduction to Medicinal Organic Chemistry*, 4th ed., 2003, ISBN: 978-0781743815. (\$44.95)

Foye's *Principles of Medicinal Chemistry*, Williams, 6th ed. 2007, ISBN: 0781768799 (\$92.95)

#### **Recommended reference books:**

Block, J., Beale, J.M., *Wilson & Gisvold's Textbook of Organic Medicinal and Pharmaceutical Chemistry*. 11th edition, 2003. Lippincott Williams & Wilkins, ISBN-10: 0781734819, ISBN-13: 978-0781734813. (\$88.95)

Nogradi, T, Weaver, D.F., *Medicinal Chemistry: A Molecular and Biochemical Approach*, 3rd ed. ISBN: 0195104560

Patrick, G., *An Introduction to Medicinal Chemistry*, 3rd ed. ISBN: 0-19-927500-9

Thomas, G., *Fundamentals of Medicinal Chemistry*, ISBN: 0470843071

Wade, L.G., *Organic Chemistry*, 6th ed. ISBN: 0131699571

### **PHA 0120 Pharmaceutical Calculations (Fall P1 year):**

#### **Required textbook:**

Ansel, H.C., *Pharmaceutical Calculations*, 13th ed., 2009, Lippincott, Williams & Wilkins, ISBN: 978-1582558370. (\$72.95).

Calculator: TI-30 X II S or TI-30 X II B, (retail calculator: \$21.95)

## **PHA 0125 Pharmaceuticals and Biopharmaceutics (Fall P1 year):**

### **Required textbooks:**

Allen, L.V., Popovich, N.G., Ansel, H.C. *Ansel's Pharmaceutical Dosage Forms and Drug Delivery Systems*, 8th edition, 2004, Lippincott Williams & Wilkins, ISBN 13: 978-0781746120. (\$65.95)

### **Recommended reference books:**

Hillery A.M., Lloyd A.W., Swarbrick, J. *Drug Delivery and Targeting for Pharmacists and Pharmaceutical Scientists*, Taylor and Francis, ISBN: 0415271983.

Shargel, L., Mutnick, L.H., Souney, P.F., Swanson, L.N.. *Comprehensive Pharmacy Review*. 7<sup>th</sup> edition. 2009. Lippincott Williams & Wilkins, ISBN:978-1562557113. Online full text at <http://thepoint.lww.com/Shargel7e>

Shargel L, Susanna WU-Pong, Andrew BC Yu. , *Applied Biopharmaceutics & Pharmacokinetics*, 5th edition, 2004. McGraw Hill. ISBN: 0071375503.

Sinko, P.J. *Martin's Physical Pharmacy and Pharmaceutical Sciences*, Lippincott Williams & Wilkins, ISBN: 078175027-X

Troy, D.V., editor *Remington: The Science and Practice of Pharmacy*. 21<sup>st</sup> edition. 2005. Lippincott Williams & Wilkins, ISBN: 0781746736.

## **PHA 0130 Immunology and Hematology (Fall P1 year):**

### **Required textbook:**

Coico, Sunshine and Benjamini, *Immunology: A Short Course*; 5th edition, 2003, Wiley-Liss, ISBN-13: 978-0471226895. (\$69.95)

## **PHA 0135, 0300 (Fall P1 year and Summer P3 year) Pharmacy Law:**

### **Required textbook:**

Abood, *Pharmacy Practice and the Law*, 5th ed., 2007, ISBN: 0763749788. (\$93.95)

## **PHA 0112, 0145 - 0170 (Fall and Spring P1 year); Pharmacology is reviewed throughout the biomedical and clinical coursework:**

### **Required textbook:**

Katzung, B, Masters, S, Trevor, S. *Basic and clinical pharmacology*, 11th edition, 2009, ISBN: 978-0071604055. (\$64.95)

### **Recommended reference books:**

Brunton, L.L., *Goodman & Gilman's: Pharmacological basis of therapeutics*. 11th edition, 2005, ISBN: 0071422803. (\$155)

Golan et al., *Principles of Pharmacology: The Pathophysiologic Basis of Therapy*, 2nd edition, 2007, ISBN: 0781783550. (69.95 / workbook \$42.95)

Gilbert, D.N., Moellering, R.C., Eliopoulos, G.M., Chambers, H.F. *Sanford Guide to Antimicrobial Therapy 2009 (Pocket Edition)*, ISBN 978-1930808522 (\$15.25).

Hauser, A.R., *Antibiotic Basics for Clinicians: Choosing the right antibacterial agent*. 2007, LWW, ISBN-13: 9780781794640.

## **PHA 0112, 0145 - 0170 (Fall and Spring P1 year); Physiology and Pathophysiology is reviewed in all biomedical and clinical coursework:**

(If you did not keep your text from your Anatomy and Physiology course, it is recommended you purchase a medical physiology text for review purposes. Physiology is reviewed in all biomedical coursework):

### **Recommended reference books for physiology:**

Guyton, A.C., Hall, J.E., *Textbook of Medical Physiology*. Publisher: Saunders; 11 edition (2005), ISBN-10: 0721602401, ISBN-13: 978-0721602400

Barrett, *Ganong's Review of Medical Physiology*, McGraw-Hill, 23rd edition (2009) ISBN: 0071605673.

Recommended reference book for pathophysiology:

McPhee, *Pathophysiology of Disease: An Introduction to Clinical Medicine*. 6th ed. 2009, ISBN: 0071621679 (available 11/09). (\$69.95)

**PHA 0175, 0260 (Spring P1 year and Fall P2 year) Pharmaceutics and Compounding Laboratory:**

**Required textbook:**

Thomson, J.E., and Davidow, L.W. *A Practical Guide to Contemporary Pharmacy Practice*. 3<sup>rd</sup> edition. 2009. Lippincott Williams & Wilkins, ISBN: 978-0781783965. (\$69.95)

Long (knee length) lab coat (recommended over the shorter "clinical" lab coat), safety goggles.

Recommended reference book:

Shrewsbury, R. *Applied Pharmaceutics in Contemporary Compounding*, 2<sup>nd</sup> edition, 2008. Morton Publishing Company. ISBN: 0-89582-744-1.

Rowe, R.C., Sheskey, P.J., Owen, S.C., *Handbook of Pharmaceutical Excipients*, APhA, ISBN: 1582120587

**PHA 0180 (Spring P1 year) OTC:**

**Required textbook:**

*Berardi et al.*, *Handbook of Nonprescription Drugs: An Interactive Approach to Self-Care*, 16th ed., 2009, ISBN: 978-1582121222. (\$154.95)