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PHAR 1233 Principles of Disease

Robbins and Cotran Pathologic Basis of Disease, (Eds.) R.S. Cotran, V. Kumar, A. Abbas, N. Fausto and J Aster, 10th edition, Philadelphia, W.B. Saunders Co. 2020 [ISBN: 9780323531139]. The textbook is also available through TTUHSC electronic database (Clinical Key). TTUHSC access to Clinical Key is from the Databases fly-out menu on the TTUHSC libraries home page Website: <https://www.clinicalkey.com> (off Campus) <https://www.clinicalkey.com/#!/browse/book/3-s2.0-C20160040871?indexOverride=GLOBAL> (on Campus)

PHAR 1240 Applied Medicinal Chemistry

Recommended Textbook/Course Materials:

Lemke TL, Williams DA, Roche VF, Zito SW, eds. Foye's Principles of Medicinal Chemistry, 7th edition. Baltimore, MD: Lippincott Williams & Wilkins, 2013

Goodman&Gilman's The Pharmacological Basis of Therapeutics 12e, Ed. Brunton, L.L., McGraw-Hill, New York 2012. Online at AccessMedicine via TTUHSC Library web

PHAR 1251 Clinical Correlations 2

No textbooks for this course

PHAR 1431 Biological Foundation in Pharmacy and Patient Assessment with Lab

- Guyton and Hall Textbook of Medical Physiology, 14th edition, Elsevier/Saunders, 2021
- Bickley LS. Bates' Guide to Physical Examination and History Taking. 12th Ed. Philadelphia, PA, Wolters Kluwer: 2015. (ISBN: 146989341X)
- Bates Visual Guide to Physical Assessment. Available at: <http://www.ttuhscl.edu/libraries/videos> (free)

PHAR 1441 Principles of Drug Structure and Action

Recommended:

Katzung BG, Vanderah TW. eds. *Basic & Clinical Pharmacology*, 15e. McGraw Hill; 2021.

<https://accesspharmacy-mhmedical-com.ezproxy.ttuhscl.edu/content.aspx?bookid=2988§ionid=250593594>

Brunton LL, Hilal-Dandan R, Knollmann BC. eds. *Goodman & Gilman's: The Pharmacological Basis of Therapeutics, 13e*. McGraw Hill; 2017.

<https://accesspharmacy-mhmedical-com.ezproxy.ttuhsu.edu/content.aspx?bookid=2189§ionid=165936845>

Bertino JS, Jr, DeVane C, Fuhr U, Kashuba AD, Ma JD. eds. *Pharmacogenomics: An Introduction and Clinical Perspective*. McGraw Hill; 2013.

<https://accesspharmacy-mhmedical-com.ezproxy.ttuhsu.edu/content.aspx?bookid=511§ionid=40849364>

PHAR 1461 Pharmacy Formulations and Compounding

Required

No text book is required for the lecture part of the course, however, for the laboratory, A Practical Guide to Contemporary Pharmacy Practice, will be used as a required textbook.

Recommended/Supplemental

Ansel's Pharmaceutical Dosage Forms and Drug Delivery Systems by Loyd V. Allen, Jr. 12th edition.

A practical Guide to Contemporary Pharmacy Practice 4th Edition, By J.E. Thompson et.al.

Martin's Physical Pharmacy and Pharmaceutical Sciences 7th Edition, Lippincott Williams & Wilkins

Remington: The Science and Practice of Pharmacy, 22nd Edition, Lippincott Williams & Wilkins.

Drug Delivery and Targeting by Anya Hillery et. al.

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PHAR 2219 Practice Management 2: MBA Pharmacy Law and Ethics

Required:

Brinkley FS and Cacciatore GG. Texas and Federal Pharmacy and Drug Law, 13th Ed. 2019. Pharmacy Regulatory Advisors, (ISBN-13: 978-0692949481)

Recommended:

Aboud RR. Pharmacy Practice and the Law, 7th Ed. JBLearning,(ISBN-13: 978-1284089110)

Buerki RA and Vottero LD. Pharmacy Ethics: A Foundation for Professional Practice, 1st Edition. American Pharmacists Association; 2013 (ISBN 13: 978- 1582121796).

PHAR 2251 Clinical Correlations 4

No textbooks for this course

PHAR 2261 Parenterals and Specialty Pharmaceuticals

There is not a required textbook for this course; however, the following materials will be given to you to help facilitate learning in the course:

USP <797>

USP <800>

Weekly Lab Videos

PHAR 2403 ITP 3: Integumentary, Musculoskeletal, Endocrine, and Reproductive Systems (IMER)

DiPiro JT, Talbert RL, Yee GC, et al, eds. Pharmacotherapy, A Pathophysiologic Approach. 11th ed. New York, NY: McGraw-Hill; 2019. (Available via Access Pharmacy)

Brunton LL, Blumenthal DK, Murri N, Hilal-Dandan R. Goodman & Gilman's: The Pharmacological Basis of Therapeutics. 13th ed. New York, NY: McGraw-Hill; 2017.(Available via Access Pharmacy)

Kumar V, Abbas AK, Fausto N, Aster J, eds. Robbins and Cotran Pathologic Basis of Disease. 9th edition. Philadelphia, PA: Saunders; 2014 (available via Clinical Key).

Fauci AS, Braunwald E, Kasper DL, et al, eds. Harrison's Principle of Internal Medicine. 20th ed. New York, NY: McGraw-Hill; 2018. (Available via Access Pharmacy)

Hall J. Guyton and Hall Textbook of Medical Physiology. 12th edition, Philadelphia, PA: Saunders; 2011 (Available via Clinical Key).

PHAR 2404 ITP 4: Infectious Diseases

Required

DiPiro JT, Talbert RL, Yee GC, Matzke GR, Wells BG, Posey LM, eds. Pharmacotherapy: A Pathophysiologic Approach, 11th edition. New York, NY: McGraw-Hill, 2020. A limited number of licenses are available through TTUHSC Libraries and Access Pharmacy (<https://accesspharmacy.mhmedical.com>)

Brunton LL, Chabner BA, Knollman BC, eds. Goodman & Gilman's The Pharmacological Basis of Therapeutics, 13th edition. New York, NY: McGraw-Hill, 2018. Available through TTUHSC Libraries and Access Pharmacy (<https://accesspharmacy.mhmedical.com>)

Recommended

Roche VF, Zito SW, Lemke TL, Williams DA, eds. Foye's Principles of Medicinal Chemistry, 8th edition. Baltimore, MD: Lippincott Williams & Wilkins, 2019.

Hauser AR. Antibiotic Basics for Clinicians: Choosing the Right Antibacterial Agent. 3rd edition. Baltimore, MD: Lippincott Williams & Wilkins, 2018.

Gallagher JC, MacDougall C. Antibiotics Simplified, 4th edition. Sudbury, MA: Jones & Bartlett Learning, 2016. Good summaries of antibiotic properties.

IDSA website for access to many relevant ID treatment guidelines.

The Johns Hopkins Antibiotic Guide for drug-specific information.

Mandell, Douglas, and Bennett's: Principles and Practice of Infectious Diseases, 9th edition. Elsevier Inc., 2020. Available through TTUHSC Libraries and ClinicalKey. (<https://www-clinicalkey-com.ezproxy.ttuhs.edu/#/>)

PHAR 2419 Practice Management 2: Leadership, Law, and Ethics

Required:

Brinkley FS and Cacciatore GG. Texas and Federal Pharmacy and Drug Law, 13th Ed. 2021. Pharmacy Regulatory Advisors, (ISBN-13: 978-0692949481)

Recommended:

Abood RR. Pharmacy Practice and the Law, 8th Ed. JBLearning, (ISBN-13: 978-1284089110)

Northouse PG. Introduction to Leadership. Concepts and Practice, 8th Edition. Thousand Oaks, CA: Sage Publications; 2015 (ISBN 978-1-4833-1753-3).

Buerki RA and Vottero LD. Pharmacy Ethics: A Foundation for Professional Practice, 1st Edition. American Pharmacists Association; 2013 (ISBN 13: 978- 1582121796).

Reference or support:

Chisholm-Burns MA, Vaillancourt AM, and Shepherd M. Pharmacy Management, Leadership, Marketing, and Finance, 2nd edition. Burlington, MA: Jones & Bartlett Learning; 2014 (ISBN-13: 978-1449660284).

DeCoske MA. The Pharmacy Leadership Field Guide. Cases and Advice for Everyday Situations, 1st edition. American Society for Health System Pharmacists; 2011 (ISBN-13: 978-1585282494)

PHAR 2460 Basic and Applied Pharmacokinetics

No required textbooks. Lecture handouts and other materials will be provided by faculty. List of recommended textbooks as supplemental information

Shargel L, Wu-Pong S, Yu A. Applied Biopharmaceutics & Pharmacokinetics 8th Edition; New York, NY: McGraw-Hill, 2021.

DiPiro JT, Talbert RL, Yee GC, Matzke GR, Wells BG, Posey LM eds. Pharmacotherapy: A Pathophysiologic Approach, 11th edition. New York, NY: McGraw-Hill, 2020.

Bauer L. Applied Clinical Pharmacokinetics, 3rd edition. New York, NY: McGraw-Hill, 2014.

PHAR 5372 Advanced Leadership and Ethics (MBA student only)

Required: Northouse, P. G. (2018) Leadership: Practice and Theory (8th Ed.) Sage Publications, Thousand Oaks, California. ISBN-978-1-5063-6231-1

Optional: Online Student Resources – Sage Publications:
<https://edge.sagepub.com/northouse8e>

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PHAR 3219 Institutional/Community Pharmacy Operations

Course Materials will be provided to the students by faculty. These include videos, articles, PowerPoint presentations and note sets. There is not a required textbook for this course

PHAR 3251 Clinical Correlations 6

No textbooks for this course

PHAR 3407 ITP 7: Oncology, Hematology, Pain, Palliative, and End of Life Care

Required

DiPiro, J.T., Talbert, R.L., Yee, G.C., Matzke, G.R., Wells, B.G. and Posey, L.M., Pharmacotherapy, A Pathophysiologic Approach, Eleventh Edition, McGraw-Hill: New York, 2019. Available through the TTUHSC Libraries and Access Pharmacy:
<http://accesspharmacy.com/resourceTOC.aspx?resourceID=406>.

Recommended

Skeel RT, Khleif S. Handbook of cancer chemotherapy. 7th ed. Lippincott Williams & Wilkins, 2007 Available online via the TTUHSC Libraries Books@Ovid [LWW Medical Book Collection].

DeVita VT, Hellman S, Rosenberg SA. Cancer: Principles & Practice of Oncology. Ninth Edition, 9th ed, Philadelphia, PA: Lippincott Williams & Wilkins, 2011. Available online via the TTUHSC Libraries Books@Ovid.

PHAR 3420 Clinical Toxicology and Drug Safety and Abuse

Recommended:

Nelson LS, Howland MA, Lewin NA, Smith SW, Goldfrank LR, Hoffman RS, eds. Goldfrank's Toxicologic Emergencies. 11th ed. New York: McGraw-Hill;2019. This book is available electronically through the TTUHSC library using this link: <https://accesspharmacy-mhmedical-com.ezproxy.ttuhs.edu/book.aspx?bookID=2569>

PHAR 4202 Advanced Pediatrics Elective

Required:

Kliegman RM, Stanton BF, St. Geme JW, Schor NF, Behrman RE, eds. Nelson Textbook of Pediatrics. 21th ed. Philadelphia PA: W.B. Saunders; 2020. Available through TTUHSC libraries: <https://www.clinicalkey.com/#!/browse/book/3-s2.0-C20090600106>

Takemoto CK, Hooding JH, Kraus DM. Pediatric & Neonatal Dosage Handbook. Available through TTUHSC Libraries or Lexi-Comp: www.ttuhs.edu/libraries/

Click on the resources link

Select databases from menu on the left

Select 'L' and find Lexi-Comp from menu

Dipiro JT, Talbert RL, Yee GC, Matzke GR, Wells BG and Posey LM, eds. Pharmacotherapy, A Pathophysiologic Approach. 11th ed.: New York, NY: McGraw-Hill; 2020. Available through the TTUHSC Libraries and Access Pharmacy:

<https://accesspharmacy.mhmedical.com/book.aspx?bookid=2577>

Additional handouts as provided

Recommended: One copy is available at each campus; students may access it from SOP staff by signing it out.

Benavides SB, Nahata MC, eds. Pediatric Pharmacotherapy. 1st ed. Lenexa, KS: American College of Clinical Pharmacy; 2013.

Eiland L, Todd T, eds. Advanced Pediatric Therapeutics. 1st ed. Memphis, TN: Pediatric Pharmacy Advocacy Group; 2015.

PHAR 4210 Laboratory Medicine for Healthcare Professionals Elective

Henry's clinical diagnosis and management by laboratory methods [electronic resource] / Clinical diagnosis and management by laboratory methods [edited by] Richard A. McPherson, Matthew R. Pincus ; [associate editors, Naif Z. Abraham Jr. ... [et al.]]. - 23rd ed. - Philadelphia, PA : Elsevier/Saunders, c2017. - 1 online resource (xxi, 1543 p.) : ill. (chiefly col.) (Available as free online text from TTUHSC Libraries)

PHAR 4214 Advanced Patient Management in Ambulatory Care Elective

There are no specific textbooks required for this course. Candidates will be given topic specific reading assignments (e.g., national clinical guidelines and/or clinical trial data) to supplement the learning process

PHAR 4215 Advanced Geriatrics Elective

Required readings or citations for those readings will be provided by each individual lecturer. The text below will be available in the drug information library on each campus, but is not required to be purchased for the course:

Hutchison LC, Sleeper-Irons RB, eds. Fundamentals of geriatric pharmacotherapy, 2nd ed. Bethesda, MD: American Society of Health-System Pharmacists; 2015.

PHAR 4218 Advanced Oncology Elective

No textbooks are required

PHAR 4220 Critical Care Therapeutics Elective

There is no required textbook for the course. However, there may be required readings assigned for each lecture. All required readings will be posted on Sakai (or link provided) by the faculty team member. The readings may consist of consensus statements, guidelines, primary literature and review articles, online textbook chapters from designated texts (see below) or other appropriate sources.

For additional information on each topic, the following textbook is recommended:

Marino, PL. The ICU Book. 4th ed. Philadelphia, PA: Lippincott Williams & Wilkins; 2014.

Available through the TTUHSC Library: The ICU Book, Paul L. Marino

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PHAR 4110 Integrated Capstone

There is no required textbook for this course. Students will need to have access to pre-NAPLEX and Access Pharmacy to complete some course activities.