P1 Year

PHAR 1101—Introduction to Pharmacy Practice 1
No Textbooks

PHAR 1220—Foundations in Practice of Pharmacy

PHAR 1250—Clinical Correlations 1
No Textbooks

PHAR 1430—Biological Foundations in Pharmacy
Guyton and Hall Textbook of Medical Physiology, 13th edition, Elsevier/Saunders, 2015 (available free through the TTUHSC library system)
ToITech VH Dissector Pro Software, available for download (included in course fees)
Access to TTUHSC Library Multimedia resources
Visible Body Human Body Atlas 2021, iOS/Android application (*not required but is useful).

PHAR 1432—Pharmacy Immunology and Microbiology with Clinical Immunization Lab
Required:
Title: The Immune System
Author: Peter Parham
Edition/Year: 5th/2021
http://books.wwnorton.com/books/index.aspx
Required: Centers for Disease Control. Epidemiology and Prevention of Vaccine-Preventable Diseases. 13th Ed. May 2015: CDC. Available for download at:
http://www.cdc.gov/vaccines/pubs/pinkbook/index.html

**PHAR 1440—Molecular Foundation of Therapeutics**

No textbook is required for this class. If you have never had a Biochemistry course, you might find a textbook helpful as a reference in order to understand the concepts covered in class. ‘Marks’ Basic Medical Biochemistry’, 5th ed., by MA Lieberman, A Peet, Lippincott Williams & Wilkins, publishers, 2017, is a particularly nice selection. Contact the course team for other textbook suggestions.

**PHAR 1460—Pharmacy Science and Calculations**

Required

Recommended
P. Sinko: Martin’s Physical Pharmacy and Pharmaceutical Sciences 7th Edition, Lippincott Williams & Wilkins 2016

Supplemental
Remington The Science and Practice of Pharmacy, 22nd Edition, Lippincott Williams & Wilkins 2012

**P2 Year**

**PHAR 2101—Introduction to Pharmacy Practice 2**

No Textbooks

**PHAR 2210—Clinical Research and Drug Literature Evaluation**

No textbooks are required; any required reading material will be posted on the course site
PHAR 2218—Health Systems and Policy


PHAR 2220—Applied Patient Care Lab

Recommended Text:

Fundamental Skills for Patient Care in Pharmacy Practice (ISBN: 9781449652722)

Required Course Materials and Technology:

Mobile phone

Required (free): TTUHSC Libraries website access

Lexi-comp Online® Database
Micromedex® Healthcare Online Series

PHAR 2250—Clinical Correlations 3

No Textbooks

PHAR 2401—ITP1: Cardiovascular


PHAR 2402—ITP2: Renal and Respiratory


Available through the TTUHSC Libraries and Access Pharmacy


Available through the TTUHSC Libraries and Access Pharmacy


Available through the TTUHSC Libraries and ClinicalKey


Available through the TTUHSC Libraries and ClinicalKey

Key guidelines for therapy including the EPR-3 for Asthma and GOLD for COPD

PHAR 2420—Principles of Self Care, Health, and Wellness

Required


Hardcopies available for limited check out. Contact a faculty team member on your campus.

Recommended


Online databases

Natural Medicine

Lexicomp Natural Products

MICROMEDIEX Herbal Medicines, a Guide for Health-Care Professionals

P3 Year

PHAR 3218—Financial Management
Required


Recommended


PHAR 3250—Clinical Correlations 5

No Textbooks

PHAR 3405—ITP 5: Neurosensory/Psychiatry

Required


Robbins: Pathologic Basis of Disease, 10th Ed., W. B. Saunders. Available through TTUHSC Libraries (Clinical Key)

Recommended


PHAR 3406—ITP 6: GI, Nutrition, Obesity, and Wellness

Required:

PHAR 4203—Advanced Therapeutics and Practice Elective


Various therapeutic guidelines (see schedule)
Self-Identified NAPLEX Review guide (recommended)

PHAR 4206—Veterinary Pharmacy Elective

Optional


Kirk’s Current Veterinary Therapy, Volume XIV, John D. Bonagura, David C. Twedt, W.B. Saunders Company


PHAR 4211—Advanced Infectious Diseases Elective

Required: None

Recommended
Principles and Practices of Infectious Diseases (Mandell’s – 9th Edition)
Reese & Betts’ A Practical Approach to Infectious Diseases (5th Edition)

PHAR 4213—Advanced Cardiology Elective

Required:

There is no specific textbook required for this course. Candidates will be given topic-specific reading assignments (primary literature, tertiary literature, online resources) to augment the learning experience.

Recommended:

Recommended readings will be provided by faculty members at the time of lecture

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 4216—Cultural Competency in Healthcare Elective**

**Required**

None

**Recommended**


**P4 Year**

**PHAR 4200—Grand Rounds**

Materials for this course will be provided by the student presenters. Additional information from the American Council on Pharmaceutical Education (ACPE), development of an effective presentation, and a review on the presentation evaluation method are posted on Sakai by the Team.