

# PRE-PHARMACY

Office of Health Professions, University of North Texas

2018-19

## Texas Pharmacy Schools

Texas A&M Health Science Center  
Texas Tech University Health Science Center  
Texas Southern University  
University of Houston  
University of the Incarnate Word  
University of North Texas System  
University of Texas at Austin  
University of Texas at El Paso  
University of Texas at Tyler

**Debrah A. Beck, Ph.D.**  
Assistant Dean for  
Health Professions  
[debrah.beck@unt.edu](mailto:debrah.beck@unt.edu)

**Todd Lang, M.S.**  
Senior Academic Counselor  
[todd.lang@unt.edu](mailto:todd.lang@unt.edu)

**Mardreana Reed, M.Ed.**  
Academic Counselor  
[mardreana.reed@unt.edu](mailto:mardreana.reed@unt.edu)

## Applying to Pharmacy School

- *The application process varies with each school, and some schools use a centralized application process called PharmCAS ([www.pharmcas.org](http://www.pharmcas.org)). Please visit each school's website for more information.*

UNT Health Professions Program  
Hickory Hall, 256  
1155 Union Circle #311365  
Denton, TX 76203

## Additional Information

- *Programs start in the Fall and take 4 years to complete at full-time status*
- *A prior degree is NOT required, but highly recommended*
- *The Pharmacy College Admission Test (PCAT) is required by most Texas pharmacy colleges*

Phone: 940-369-8606  
Website: [healthcareers.unt.edu](http://healthcareers.unt.edu)

## Preparing for the PCAT?

Visit <http://www.pcatweb.info/>  
for information about the test

### Exam Preparation Materials:

Kaplan  
PCAT Prep Info  
PCAT Professor  
Barron's PCAT Study Guide

## Get Involved!

Alpha Epsilon Delta  
Pre-Health Minority Club  
(Alpha Delta)  
Medically Dedicated Students  
UNT's Eagle Pre-Pharmacy Assoc.  
Global Medical Brigades  
Hearts for the Homeless  
American Pharmacists Association  
American Society of Health System  
Pharmacists  
Texas Pharmacy Association  
American Association of Colleges of  
Pharmacy

# Mapping the Pre-Pharmacy Journey

With the help of your advisor, use the prerequisite courses listed on the following page to create an individual plan for your pre-pharmacy ambitions. Because circumstances can change and differ over time, this is an **unofficial** timeline and should be re-evaluated each semester.

FALL _____	Hrs.

SPRING _____	Hrs.

SUMMER I	Hrs.

SUMMER II	Hrs.

FALL _____	Hrs.

SPRING _____	Hrs.

SUMMER I	Hrs.

SUMMER II	Hrs.

FALL _____	Hrs.

SPRING _____	Hrs.

**Fall Timeline**  
PCAT Preparation

**Spring Timeline**  
Prerequisites should be complete before applying  
PCAT Prep, Register for Test

**SUMMER:** Take PCAT in early July  
PharmCAS application cycle opens in late July (see PharmCAS website for details).

FALL _____	Hrs.

SPRING _____	Hrs.

*The application timeline differs for each pharmacy school. Please visit their websites for more information on deadlines and application requirements.*

# PREREQUISITES

## General Prerequisite Coursework for Texas Pharmacy Schools

A 'C' or better is required in all coursework

A Bachelor's degree is not required, but **STRONGLY** recommended

BIOL 1710 General Biology I (3hrs)  
BIOL 1720 General Biology II (3hrs)  
BIOL 1760 General Biology Lab (2hrs)  
BIOL 2041/2042 Microbiology (4hrs)  
CHEM 1410/1430 General Chemistry I (4hrs)  
CHEM 1420/1440 General Chemistry II (4hrs)  
CHEM 2370/3210 Organic Chemistry I (4hrs)  
CHEM 2380/3220 Organic Chemistry II (4hrs)  
Physics I for Science Majors (4hrs)  
MATH 1680 Statistics (3hrs)

MATH 1650 Pre-Calculus (5hrs)  
^Prerequisite only  
MATH 1710 Calculus I (4hrs)  
ENGL 1310 College Writing I (3hrs)  
ENGL 1320 College Writing II (3hrs)  
Any 2000 Level Literature course (3hrs)  
HIST 2610 US History to 1865 (3hrs)  
HIST 2620 US History from 1865 (3hrs)  
PSCI 2305 American Government (3hrs)  
PSCI 2306 American Government (3hrs)  
COMM 2040 Public Speaking (3hrs)

**IMPORTANT:** Some schools do not require ALL that is listed above. Some schools will waive certain coursework if a degree has been earned. This is only a general list that most schools require with or without a Bachelor's degree. Be sure to check websites for specific information.

## Additional Requirements by School

### Texas A&M HSC

BIOL 3451 Genetics (3hrs) or BIOL 4180 Molecular Biology (3hrs)  
Creative Arts Course (3hrs)  
Social & Behavioral Science (3hrs)  
Choose from: Sociology, Psychology, Economics, or Computer Science  
6 hrs from following: humanities, literature, philosophy, modern or classical language/literature, anthropology, geography, or cultural studies  
COMM 1010 will be accepted in place of COMM 2040  
Must take English 1310, TECM 2700 accepted in place of ENGL 1320  
Does not require Literature, just an option for humanities

### Texas Southern University

BIOL 2301/2311 Anatomy & Physiology I (4hrs)  
BIOL 2302/2312 Anatomy & Physiology II (4hrs)  
BIOL 3500 Medical Terminology (2hrs)  
CSCE 1010 Intro to Computer Science (3hrs)  
Creative Arts course (Music, Theatre, or Art) (3hrs)  
Social & Behavioral Science course (3hrs)  
Choose from: Psychology, Sociology, Economics, and Geography  
\*Technical Writing NOT accepted for English Composition

### Texas Tech University HSC

ECON 1100 or ECON 1110 (3hrs)—Macro preferred  
Humanities or Social Science electives (15hrs)  
\*Only if non-degree seeking (see website for options)  
-History and Political Science accepted towards this req.  
\*Does not require HIST or PSCI  
\*\*Waived with degree—ENGL I & II, Literature, 15hrs humanities  
Will accept TECM 1700 & 2700 in place of English

### University of Houston

PSYC 1630 General Psychology (3hrs)  
OR SOCI 1510 Intro to Sociology (3hrs)  
Creative Arts course (3hrs)  
BIOL 3451 Genetics (3hrs)  
Does not require Speech Communication  
See website for appropriate Language, Phil., and Culture classes  
Writing in the Disciplines—waived if transferring core complete or with degree  
\*The following are waived if transferring core complete OR with a degree: ENGL 1310/1320; Language, Philosophy, and Culture; HIST 2610/2620; PSCI 2305/2306; Creative Arts; Writing in Disciplines  
\*Only requires 1 semester of College Physics (w/out lab) or one year of high school physics  
Does not require Literature

### University of Texas at Austin

BIOL 3451 Genetics (3hrs)  
Any Foreign Language (6hrs)  
OR 2 years of High School credit  
Core/Global FLAG Requirement—see advisor or contact  
pharmadmissions@austin.utexas.edu  
(Waived if degree is earned)  
\*Only requires 1 semester of English Composition  
\*Does not require History, Political Science, Speech, or the BIOL 1760 lab

### University of the Incarnate Word

BIOL 2301/2311 Anatomy & Physiology I (4hrs)  
BIOL 2302/2312 Anatomy & Physiology II (4hrs)  
PHIL 1050 Intro to Philosophy (3hrs)  
Literature must be World Literature Studies  
Creative Arts course (3hrs)  
(Art, Music, Theatre, or Art History)  
Social & Behavioral Science course (3hrs)  
Choose from: PSYC, PSCI, SOCI  
Must take English, NOT Technical Writing  
\*Only requires one HIST course and does not require any PSCI courses; requires only one general BIOL

### UNT System College of Pharmacy

BIOL 2301/2311 Anatomy & Physiology I (4hrs)  
BIOL 3451 Genetics (3hrs); will accept Biochemistry or Molecular Biology as sub  
Creative Arts course (3hrs)  
Social & Behavioral Science course (3hrs)  
\*Only requires one PSCI course: PSCI 2305 (formerly PSCI 1050)  
\*\*Waives certain courses if degree earned—see website

### University of Texas at Tyler

BIOL 2301/2311 Anatomy & Physiology I (4hrs)  
BIOL 2302/2312 Anatomy & Physiology II (4hrs)  
ECON 1100 or ECON 1110 (3hrs)  
COMM 1010 or 2020 accepted for Speech requirement  
\*MATH 1190 will meet Calculus requirement  
\*Does not require Statistics, Physics, or Literature (however, literature will meet Lang., Phil., and Culture core req.)  
\*If non-degree seeking, students must be UNT core complete (in addition to any prerequisites not included in the core)

### University of Texas—El Paso

BIOL 2301/2311 Anatomy & Physiology I (4hrs)  
BIOL 2302/2312 Anatomy & Physiology II (4hrs)  
BIOL 3451 Genetics (3hrs)  
BIOC 4540 Biochemistry I (3hrs)  
Creative Arts (3hrs)  
Writing Intensive Course (3hrs)—Must be advanced (3000/4000)  
ENGL, HIST, Humanities, or PSCI; Advanced Technical Writing preferred  
Spanish (3hrs)—College Level or Test Equivalent  
Social & Behavioral Science (3hrs)—ECON 1100 or ECON 1110  
Language, Philosophy, and Culture—Ethics Preferred (3hrs)  
Component Area Option Core requirement—see website for specific options  
Waives General Requirements (outside of sciences) with Bachelor's or Associate's—  
Students must still have Spanish and the Writing Intensive Course

# Webpages and Resources

## Texas Pharmacy Schools

Texas A&M Health Science Center  
<http://tamhsc.edu/>

Texas Southern University  
<http://www.tsu.edu/>

Texas Tech University Health Sciences Center  
<http://www.ttuhs.edu/>

University of Houston  
<http://www.uh.edu/pharmacy/>

University of the Incarnate Word  
<http://www.uiw.edu/pharmacy/>

University of North Texas System  
<http://web.unthsc.edu/education/scp>

University of Texas at Austin  
<http://www.utexas.edu/pharmacy/>

University of Texas at El Paso  
<http://www.utep.edu/pharmacy/>

University of Texas at Tyler  
<https://www.uttyler.edu/pharmacy/>

## Student and Professional Associations

Alpha Epsilon Delta  
[http://unt.orgsync.com/show\\_profile/39288-alpha-epsilon-delta](http://unt.orgsync.com/show_profile/39288-alpha-epsilon-delta)

Alpha Delta: Pre-Health Minority Club  
<https://orgsync.com/9926/chapter>

Medically Dedicated Students  
[http://unt.orgsync.com/show\\_profile/10711-health-occupations-students-of-america](http://unt.orgsync.com/show_profile/10711-health-occupations-students-of-america)

Eagle's Pre-Pharmacy Association  
<https://unt.campuslabs.com/engage/organization/eagles-pre-pharmacy-association>

Global Medical Brigades  
[http://unt.orgsync.com/show\\_profile/159064-global-medical-brigades](http://unt.orgsync.com/show_profile/159064-global-medical-brigades)

Hearts for the Homeless  
<https://unt.campuslabs.com/engage/organization/hearts-for-the-homeless-dallas>

American Pharmacists Association  
<http://www.pharmacist.com/>

American Society of Health System Pharmacists  
<http://www.ashp.org/>

Texas Pharmacy Association  
<http://www.texaspharmacy.org/>

Accreditation Council for Pharmacy Education  
<https://www.acpe-accredit.org/>

## Contact Us

To schedule an advising appointment, please contact our front desk at 940-369-8606. Have a quick question? Feel free to send us an e-mail using the addresses listed on the front page.

The best way to achieve your academic and career goals is to ask for help! We are committed to providing you the best service possible, so we look forward to seeing you in the near future!

## PCAT Information and Preparation

About the PCAT  
<http://www.pcatweb.info/>

PCAT Prep Materials  
<http://www.kaptest.com/>  
<http://www.kaptest.com/pcat>  
<http://www.testpreparationsecrets.com/pcat/>  
<http://www.pcatprofessor.com/>  
<http://www.uspharmd.com/>

## Experience and Additional Resources

Pharmacy Technician Certification  
<http://www.tsbp.state.tx.us/>

Career Exploration  
<http://texashotjobs.mobi/>  
<http://explorehealthcareers.org/en/home>