

# PRE-PHARMACY

## General Prerequisite Coursework for Texas Pharmacy Schools

**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) -**  
**PHYS 1410/1430, 1510/1530, or 1710/1730**

**MATH 1680 Statistics (3hrs)**  
**MATH 1710 Calculus I (4hrs)**  
**ENGL 1310 College Writing I (3hrs)**  
**ENGL 1320 College Writing II (3hrs)**  
**2000 level Literature course (3hrs) -**  
**ENGL 2210, 2220, 2321, 2326, or 2331**  
**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.

A 'C' or better is required in all coursework  
A Bachelor's degree is not required, only recommended

## Additional Requirements by School

*\*Program requirements may change without notice and vary with each school; you are still responsible for checking schools' websites for admissions information. Please see your academic advisor to further explore the requirements of the school in which you are interested.\**

### 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  
 3 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, but an option for  
 the 3 hrs of humanities coursework

### Texas Southern University

BIOL 2301/2311 Anatomy & Physiology I (4hrs)  
 BIOL 2302/2312 Anatomy & Physiology II (4hrs)  
 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

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  
 \*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 the Incarnate Word

BIOL 2301/2311 Anatomy & Physiology I (4hrs)  
 BIOL 2302/2312 Anatomy & Physiology II (4hrs)  
 PHIL 1050 Intro to Philosophy (3hrs)  
 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 Austin

BIOL 3451 Genetics (3hrs)  
 Any Foreign Language (6hrs)  
 OR 2 years of High School credit  
 (Waived if degree is earned)  
 Core/Global FLAG Requirement—see advisor or  
 contact pharmdadmissions@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 Texas—El Paso

BIOL 2301/2311 Anatomy & Physiology I (4hrs)  
 BIOL 2302/2312 Anatomy & Physiology II (4hrs)  
 BIOL 3451 Genetics (3hrs)  
 BIOG 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

### University of Texas at Tyler

BIOL 2301/2311 Anatomy & Physiology I (4hrs)  
 BIOL 2302/2312 Anatomy & Physiology II (4hrs)  
 \*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 prerequi-  
 sites not included in the core)



Scan the QR code for more information on the Pre-Pharmacy Pathway and how to be a competitive applicant for admission.

# Mapping the Pre-Pharmacy Journey

With the help of your pre-health advisor, use the prerequisite courses listed on the previous page to create an individual plan for your pre-pharmacy ambitions. **NOTE:** This is not an official plan, advising record, or degree audit. Please review the proposed course timeline with your degree plan advisor to ensure you have the correct courses to graduate.

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 (if PCAT is required)

**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.

## Need Advising?

To contact your pre-health advisor, please visit:

<https://cos.unt.edu/advising/contact-your-advisor/health-professions-advisors>

General Email: [Healthcareers@unt.edu](mailto:Healthcareers@unt.edu)

To schedule an appointment, please visit: <https://unt.navigate.eab.com/>

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