

# 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**  
 Does not require Literature, but an option for  
 the 3 hrs of humanities coursework

### **Texas Southern University**

**BIOL 2301/2311 Anatomy & Physiology I (4hrs)**  
**Creative Arts course (any that satisfies Core) (3hrs)**  
**Social & Behavioral Science course (3hrs)**  
 (any that satisfies Core)  
**Language, Philosophy, Culture course (3hrs)**  
 (any that satisfies Core-recommend 2000-level  
 literature)  
**Public Speaking is not required**

### **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

### **University of Houston**

**PSYC 1630 General Psychology (3hrs)**  
 OR **SOCI 1510 Intro to Sociology (3hrs)**  
**BIOL 3451 Genetics (3hrs)**  
**Creative Arts course (any that satisfies Core) (3hrs)**  
**Language, Philosophy, Culture course (3hrs)**  
 (any that satisfies Core)  
**Component Area Option Course (3hrs)**  
 (can be satisfied by **COMM 2040 Public**  
**Speaking**)  
 Does not require Public Speaking  
 \*The following are waived if transferring core  
 complete OR with a degree: **ENGL 1310/1320;**  
**HIST 2610/2620; PSCI 2305/2306;** 'Creative  
 Arts'; Language, Philosophy, and Culture'; Com-  
 ponent Area Option.  
 \*Only requires 1 semester of College Physics  
 (w/out lab) or one year of high school physics

### **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 HSC 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  
 \*\*\*TECM 1700 & TECM 2700 may substitute for  
**ENGL 1310 & ENGL 1320**

### **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)  
**Texas Core complete is preferred**  
 (waived if degree is earned)  
 \*Only requires 1 semester of English Composition  
 \*Does not require 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) or**  
**BIOL 4180 Molecular Biology (3hrs)**  
**Spanish (3hrs)-College Level or Test Equivalent**  
 Must be Core complete (waived if degree is earned)  
 \*Does not require general biology Lab, & physics  
 lab is optional

### **University of Texas—Tyler**

**BIOL 2301/2311 Anatomy & Physiology I (4hrs)**  
**BIOL 2302/2312 Anatomy & Physiology II (4hrs)**  
 \*does not require Physics, Statistics, or Literature  
 Must be Texas Core complete (waived with degree)



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.

**Summer:** 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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