

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)
MATH 1680 Statistics (3hrs)

MATH1650 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.

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

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 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 Austin

BIOL 3451 Genetics (3hrs)
 Any Foreign Language (6hrs)
 OR 2 years of High School credit
 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)
 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

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)



Scan the QR code to the left for more information on Texas Pharmacy Schools, PCAT preparation, pre-health organizations, application services, Health Professions Student Development Certificate and how to schedule an advising appointment

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.

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