

This guide offers a recommended course sequence for students preparing for Pharmacy school. The courses listed indicate only the **MINIMUM requirements** for many schools and is **not designed for any specific major**. Students who plan to apply for Pharmacy school bear the ultimate responsibility of determining specific coursework required for their application and must fulfill the requirements for their degree and major in order to graduate.

FRESHMAN	
FALL	SPRING
BIO 1305 & 1105-Modern Concepts of Bioscience & Lab	BIO 1306 & 1106-Modern Concepts of Bioscience & Lab
CHE 1301 & 1101-Basic Principles of Modern Chem I & Lab	CHE 1302 & 1102-Basic Principles of Modern Chem II & Lab
MTH 1321-Calculus I	Statistics: 3 semester hours ¹

¹ STA 1380, 2381, 3381 are accepted by many schools. Students should confirm the appropriate Statistics course with their academic advisor, as some majors require a specific course.

SOPHOMORE	
FALL	SPRING
BIO 2306-Genetics (if required)	Microbiology: BIO 1302 & 1102 -or- BIO 4302 & 4102
CHE 3331-Organic Chemistry I	CHE 3332 & 3238-Organic Chemistry II & Lab

JUNIOR	
FALL	SPRING
PHY 1408-General Physics for Natural & Behavioral Physics I -or- 1420 General Physics I	Social Science: PSY 1305 or SOC 1305 (any semester)
BIO 2401-Human Anatomy & Physiology of Motion & Innervation -or- BIO 3322 & 3122-Human Physiology and Lab (if required)	BIO 2402-Human Anatomy & Physiology of Metabolism & Processing -or- BIO 4432-General Human Anatomy (if required)

SENIOR	
FALL	SPRING
Complete Degree Requirements	Complete Degree Requirements & Graduate

Other required courses: *

English Composition	6 hours
English Literature	3 hours
Communication/Public Speaking	3 hours
US History	6 hours
Government or Political Science	3-6 hours
Fine Arts	3 hours

Recommended courses (required by some schools)

Biochemistry	3 hours
Foreign Language (Spanish)	3-6 hours
Additional Humanities courses	3-6 hours
Cell & Molecular Biology	3 hours

*Note: Many pharmacy schools waive these core requirements for students who complete a bachelor's degree prior to matriculation

Students should work closely with their academic advisor to plan their schedule each semester.

For an overview of the requirements for most Pharmacy Schools visit:

<https://www.pharmacas.org/school-directory/explore-and-compare/pre-pharmacy-requirements>

Connect with other Pre-Pharmacy students by joining the Baylor chapter of the [Association of Pre-Pharmacy Students \(APPS\)](#)

Important Websites:

[pharmacas.org](https://www.pharmacas.org)

[aacp.org](https://www.aacp.org)

Office of Prehealth Studies
Baylor Sciences Building, B.111
prehealth@baylor.edu

Additional Information for Pre-Pharmacy students:

Choosing a major: Pharmacy schools do not prefer/require any specific major. Students should choose a major that interests them, and in which they can earn strong grades. There is no “best” major or minor.

Grades: Most pharmacy schools require a grade of C or higher in all prerequisite coursework.

AP Credit: Not all pharmacy schools accept AP credit for prerequisite courses. Students should work with their academic advisor to determine their best options for their degree and major.

Pass/Fail Credit: Most pharmacy schools do not accept Pass/Fail grades for prerequisite courses. Some exceptions were made for courses completed in Spring 2020 through Fall 2021, which varies by school.

Courses offered through the Office of Prehealth Studies: The Office of Prehealth studies offers several courses beneficial to student preparation for pharmacy school:

- **PHP 1106:** Introduction to the Health Professions – Any student interested in a health professions career is welcome to take this course in any semester, though it is a New Student Experience course each Fall.
- **PHP 2105:** Prehealth Professional Development – Sophomore-level course focusing on professionalism within healthcare including appropriate personal attributes and expectations, integrity, interpersonal communication, and self-appraisal. Credit for PHP 1105 or PHP 1106 required.
- **STL 1102:** Prehealth First Generation Success – Specifically for first-generation college students, recommended during Freshman year. Priority will be given to Hallie Earle Scholars.

Admissions Tests: The Pharmacy College Admission Test (PCAT) is being retired in 2024. Required/optional admissions tests vary by institution.

Pre-Pharmacy qualification: Students must maintain a 3.0 cumulative GPA to remain designated as Pre-Pharmacy at Baylor.

Podcast: We recommend checking out our **Prehealth Particulars** podcast on our website at baylor.edu/prehealth or on Apple Podcasts.