



# PREREQUISITES

Though a large number of applicants holding bachelor's degrees or higher apply to the School of Pharmacy, a degree is not required. The majority of applicants major in biology and chemistry, but other major fields of study are acceptable. The only requirement is 65 hours of prerequisite work.

- » Biology I w/ lab (for majors)
- » Biology II w/ lab (for majors)
- » Chemistry I w/ lab (for majors)
- » Chemistry II w/ lab (for majors)
- » Microbiology w/ lab
- » Organic Chemistry I w/ lab
- » Organic Chemistry II w/ lab
- » Physics I w/ lab
- » Calculus I
- » Statistics
- » Public Speaking
- » English Composition I\*
- » English Composition II\*
- » English Literature\*
- » 15 hours of Humanities/Social Science (select from History, Government, Communication, Sociology, Psychology, Behavioral Science, Humanities, or Anthropology)\*

\*waived with the completion of a Bachelor's degree.

## Pre-Pharmacy Grade Point Average (PPGPA)

- Our preferred minimum pre-pharmacy grade point average (PPGPA) required for application consideration is 3.000.
- Grades below **"C"** are not accepted.
- if you received a grade of "C" the first time you completed organic chemistry, then repeated the course with a grade of "A", we disregard the "C" and calculate PPGPA using the "A". This process allows students to demonstrate competency in a course.
- When evaluating a candidate, we use the composite PCAT percentage score, their overall GPA, and their pre-pharmacy GPA.

**Your "overall" grade point average is calculated using the following formula:**

Sum of the Grade Points / Total #SCH (semester credit hours).

**Your Pre-Pharmacy grade point average is calculated with the last grade earned\* for each course taken, multiplied by the number of semester credit hours (SCH), using the following scale:**

A = 4.0 x #SCH = Grade Points

B = 3.0 x #SCH = Grade Points

C = 2.0 x #SCH = Grade Points

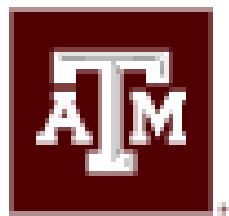
D = 1.0 x #SCH = Grade Points

F = 0.0 x #SCH = Grade Points

**Please note:** Courses older than seven years require approval.

### PCAT Requirements

The Pharmacy College Admission Test (PCAT) is a specialized test used by colleges of pharmacy to identify qualified applicants based on academic aptitude and scientific knowledge.



# ADMISSION REQUIREMENTS

To be considered for admission into the PharmD program at the Rangel College of Pharmacy, applicants must:

- Have a cumulative GPA, as determined by PharmCAS, of 2.75 or higher.
- Complete all prerequisite coursework by Summer Session I in the year of matriculation.
- Earn a preferred composite PCAT score of 40 or higher and a preferred PCAT writing score of 3.0 or greater. **(Optional, see more information below)**

For more information about these requirements, see [Frequently Asked Admissions Questions](#).

## Application Requirement Checklist

All applicants must submit the following:

- A complete application submitted online through [PharmCAS](#)
- A complete Supplemental Application submitted through the [BAMF Portal](#)
  - The required, non-refundable Supplemental Application fee of \$100 submitted online through [Touch Net](#)
- Official transcripts from each college or university attended, submitted directly to [PharmCAS](#)
- **PCAT Exam (optional)**
  - **Applicants who opt to take PCAT send scores directly to PharmCAS (code: 104)**
- Three PharmCAS recommendation forms:
  - Two recommendations from college professors (math and science)
  - One recommendation from an employer, adviser, pharmacist or college or university administrator (recommendations by mentors or teaching assistants are not accepted)
  - Applicants who have not been enrolled in a degree program at a college or university for two years or more must submit three recommendation forms to PharmCAS from a combination of the following categories: Professors (math and science), pharmacists, other health care professionals (e.g., medicine, nursing, dentistry), or current and previous employers.
  - Further clarification regarding who may submit recommendations can be found on the PharmCAS College of Pharmacy profile
  - Follow the instructions on [PharmCAS](#) to submit recommendation forms

Courses	Semester Credit Hour	Texas A&M University Course number(s)
<b>Communication</b>		
Communication - Public Speaking	3	COMM 203
English Composition I & II	6	ENGL 103, 104, 203, or 210
<b>General Education</b>		
Art, Music, Theater, other Visual or Performing Arts	3	†
Humanities, Literature, Philosophy, Modern or Classical Language/Literature, Anthropology, Geography, or Cultural Studies	3	†
Sociology, Psychology, Economics or Computer Science	3	†
History	6	HIST 105 and HIST 106
Political Science	6	POLS 206 and POLS 207
<b>Life &amp; Physical Sciences</b>		
College Physics I/Lab	4	PHYS 201 or 218
General Biology I & II/Labs	8	BIOL 111 and BIOL 112
General Chemistry I & II/Labs	8	CHEM 101/111 and CHEM 102/112
Organic Chemistry I & II/Labs	8	CHEM 227/237 and CHEM 228/238
Microbiology/Lab	4	BIOL 206, 351, or VTPB 405
Molecular Biology or Genetics	3-4	BIOL 213 or GENE 301, 302, or 320
<b>Math</b>		
Calculus I	3	MATH 147, 151, 172
Statistics	3	STAT 201, 211, or 302
<b>Total SCH</b>	<b>71-72</b>	

Prerequisites for pharmacy school

†- Refer to the core curriculum section of the [Texas A&M University Undergraduate Catalog](#) to find courses that fulfill this requirement.

## Pre-Pharmacy Prerequisite Information

You will find our pre-pharmacy prerequisite courses listed below that are required for admission and matriculation into the Pharm.D. program. These prerequisite requirements are approved by the Admissions Committee to provide the foundation needed for the Pharm.D. program.

### Pre-Pharmacy Prerequisite Requirements

- **Biology I** (cellular/molecular)- (3-hrs)
- **Biology II** (structure/function of organisms)- (3-hrs)
- **Genetics**- (3-hrs)
- **Microbiology with lab**- (4-hrs)
- **Chemistry I with lab**- (4-hrs)
- **Chemistry II with lab**- (4-hrs)
- **Organic Chemistry I with lab**- (4-hrs)
- **Organic Chemistry II with lab**- (4-hrs)
- **Physics with lab**- (4-hrs)
- **Calculus I**- (3-hrs)
- **Statistics**- (3-hrs)
- **English Composition** (writing component)- (3-hrs)
- **English Literature** (reading component)- (3-hrs)

### General University Course Requirements (Core/Flag/Foreign Language)

There are also general university course requirements called “**Core/Flag/Foreign Language**” course requirements that you’ll need to learn about in your course planning. Matriculating into the UT Austin College of Pharmacy with a bachelor’s degree will assist in fulfilling or waiving some of the general university requirements.

### Academic Sequence in Completing Pre-Pharmacy Prerequisites

Please take into consideration the following information when planning your course schedule. The course plan below is specific to a UT Austin pre-pharmacy student, but this progression plan can be applied to an extent for other students attending other undergraduate institutions.

This sequence does not reflect the flexibility of enrolling in summer school or receiving credit via AP credit and dual credit. We highly recommend that you consult with your academic advisor and health professions office at your home undergraduate institution and pharmacy schools of interest for guidance.

#### First Pre-Professional Year (Fall)

BIO 311C- Intro. Biology I  
CH 301- Principles of Chemistry I  
M 308K (N or C)- Calculus I  
RHE 306- Rhetoric and Writing  
**+ course(s) from Core/Flag course requirements**

#### Second Pre-Professional Year (Fall)

BIO 325- Genetics  
CH 320M- Organic Chemistry I  
E 316P (L,M,N or K)- Masterworks of Literature  
PHY 302K- General Physics I  
PHY 102M- General Physics lab  
**+ course(s) from Core/Flag course requirements**

#### First Pre-Professional Year (Spring)

BIO 311D- Intro. Biology II  
CH 302- Principles of Chemistry II  
CH 204- Intro. To Chemical Practice Lab  
SDS 302- Data Analysis for the Health Sciences  
**+ course(s) from Core/Flag course requirements**

#### Second Pre-Professional Year (Spring)

BIO 326R or M- General Microbiology  
BIO 326L- General Microbiology lab  
CH 320N- Organic Chemistry II  
CH 220C- Organic Chemistry Lab  
**+ course(s) from Core/Flag course requirements**

All pre-pharmacy prerequisite courses must be completed with a grade of C- or better. Pass/fail coursework will NOT be accepted.

The prerequisites above must be completed regardless of having a prior baccalaureate degree or higher.

**Advanced placement (AP) credit** is accepted if test scores meet The University of Texas at Austin criteria for acceptance. The awarding of course credit based on advanced placement is governed by the individual scores you received. Please refer to the [Testing Center](#) site to determine if the score you earned meets UT-Austin's expectations.

Please refer to our [Course Equivalencies](#) page for specific course numbers at other Texas institutions. We do not have course equivalency listings from schools outside of Texas.