



Pharm.D. Prerequisites Checklist

Applicants interested in pursuing a Pharm.D. degree at the University of Houston must fulfill the requirements below.

- Most courses are three hours with an hour lab if required.
- Applicants are recommended to follow their respective school's sequence for major science and math requirements.
- Courses may be completed at UH or other college/university.
- Upper-division math/science courses are recommended to be completed at a four-year college/university.

SCIENCE



CHEMISTRY

- _____ **Chemistry I**—3 credit hours
- _____ **Chemistry I Lab**—1 credit hours
- _____ **Chemistry II**—3 credit hours
- _____ **Chemistry II Lab**—1 credit hours
- _____ **Organic Chemistry I**—3 credit hours
- _____ **Organic Chemistry I Lab**—1 credit hours
- _____ **Organic Chemistry II**—3 credit hours
- _____ **Organic Chemistry II Lab**—1 credit hours



BIOLOGY

- _____ **Biology I**—3 credit hours
- _____ **Biology I Lab**—1 credit hours
- _____ **Biology II**—3 credit hours
- _____ **Biology II Lab**—1 credit hours
- _____ **Microbiology**—3 credit hours
- _____ **Microbiology Lab**—1 credit hours
- _____ **Genetics**—3 credit hours

MATH



- _____ **Calculus I**—4 credit hours
- _____ **Statistics**—3 credit hours
- _____ **General Physics**—3 credit hours⁺

CORE COURSES

In the state of Texas, public institutions have to fulfill certain requirements called Core Curriculum Courses, regardless of major. There are few exemptions:



ARTS & SOCIAL SCIENCES

- _____ **First Year Writing I**—3 credit hours*
- _____ **First Year Writing II**—3 credit hours*
- _____ **Introduction to Psychology or Introduction to Sociology**—3 credit hours
- _____ **Language, Philosophy, and Culture**—3 credit hours*
- _____ **Creative Arts**—3 credit hours*
- _____ **Component Area Option Course**—3 credit hours*[^]



HISTORY & GOVERNMENT

- _____ **American History I**—3 credit hours*
- _____ **American History II**—3 credit hours*
- _____ **Government/Political Science I**—3 credit hours*
- _____ **Government/Political Science II**—3 credit hours*

- If you have a bachelor's degree from the U.S. and have not fulfilled some or any of the requirements with *, you are exempt from those courses.
- If you are core complete but have not fulfilled some or any of the requirements with *, you are exempt.
- Courses must be completed with a C or better (2.0).
- For more information on courses with ^, visit <http://board.theccb.state.tx.us/apps/TCC/>
- ⁺ Two semesters or one year of high school physics in U.S. may satisfy the physics prerequisite
- Visit www.uh.edu/pharmacy/ or contact us at PharmDInfo@uh.edu or 713-743-1239 for more information

STAY ON THE PATH

Pharm.D. Admissions Course List and Timeline

I'm applying to UHCOP for the Fall _____ semester



Fall _____

- > Meet with admissions counselor
- > Start working on your Pharm.D. prerequisites coursework
- > Start volunteering (25 hours required)
- > Connect with pharmacists, professors, TAs, and academic advisors

Fall _____

- > **Priority Admission Deadline is: October 2, 2023**
- > Finish your application and submitting items
- > **October PCAT**
- > Final Deadline is: May 1, 2024

Spring _____

- > Continue doing well in your courses

Spring _____

- > **January PCAT**
- > Finish math/science courses

Summer _____

- > **Application opens July 13, 2023**
- > Start application process
- > Confirm letters of recommendation
- > **July PCAT**
- > International priority deadline: September 29

Summer _____

- > Finish remaining non-math/science courses

Requirements:

- > PharmCAS Application (pharmCAS.org)
- > Supplemental Application
- > All prerequisites must be completed with a "C" or above before starting pharmacy school



Three letters of recommendation from these required sources:

- > Licensed pharmacist practicing or having practiced in the U.S.
- > Professor, teaching assistant, academic/faculty advisor, employer or supervisor in the U.S.
- > **Letters of reference from family or friends are not accepted**



At least **25 hours** of community service

Optional:

- > PCAT ([visit pcatweb.info](http://pcatweb.info) for details)



College of Pharmacy
UNIVERSITY OF HOUSTON