



College of Pharmacy

UNIVERSITY OF HOUSTON

PHARM.D. PREREQUISITE COURSES

Wharton County Community College System

Applicants are recommended to follow their respective school's sequence for major science and math courses. Make sure that all math/science prerequisites are completed by the end of the spring semester prior to beginning the Pharm.D. program.

SCIENCE/MATH PREREQUISITE COURSES

Biology I & II Lecture/Lab

BIOL 1406

BIOL 1407

Microbiology Lecture/Lab

not offered at WCJC, must take elsewhere

Genetics

not offered at WCJC, must take elsewhere

Calculus

MATH 2413

Statistics

MATH 1342

Chemistry I & II Lecture/Lab

CHEM 1411

CHEM 1412

Organic Chemistry I & II Lecture/Lab

CHEM 2423

CHEM 2425

Physics

PHYS 1401 *or* PHYS 2425

or

1 yr of High School Physics

NON-SCIENCE/MATH PREREQUISITE COURSES

First Year Writing

ENGL 1301*

ENGL 1302*

US History

HIST 1301*

HIST 1302*

Political Science

GOVT 2305*

GOVT 2306*

Psychology or Sociology

PSYC 2301 *or* SOCI 1301

Other Courses

Creative Arts*^

Language, Philosophy & Culture*^

Component Area Option course*^

Please note that many areas of study require specific core course choices, and may also require additional courses which are not listed here. Always see an advisor to confirm or review your specific degree plan requirements.

***Exempt if core curriculum is complete at the time of enrollment to UH from another accredited Texas college/university OR earned a baccalaureate degree or higher from an accredited U.S. college/university.**

^See core curriculum courses for the [WCJC](#) catalog.

The University of Houston is an Equal Opportunity/Affirmative Action institution. Minorities, women, veterans and persons with disabilities are encouraged to apply.



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.
- All math and science prerequisites must be completed by end of the spring semester prior to starting the Pharm.D. program.
- All prerequisite courses must be completed with a 'C' or better (2.0 GPA).*
- 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⁺

To view/download course equivalency guides, scan QR code or visit tinyurl.com/uH-pharmD-guides



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*[^]

- *If you have a bachelor's degree from the U.S. and have not fulfilled some or any of the courses with *, you are exempt from those courses
- *If you are core complete, but have not fulfilled some or any of the courses with *, you are exempt
- [^]For more information on courses, visit <http://board.theccb.state.tx.us/apps/TCC/>



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*

- ⁺ Two semesters or one year of high school physics in U.S. may satisfy the physics prerequisite
- For more information, visit www.uh.edu/pharmacy/ or contact us at PharmDInfo@uh.edu or 713-743-1239

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 1**
- > Finish your application and submitting items

Spring _____

- > Continue doing well in your courses

Spring _____

- > Finish math/science courses

Summer _____

- > **Application opens in early July**
- > Start application process
- > Confirm letters of recommendation

Summer _____

- > Finish remaining non-math/science courses

To schedule an appointment with an Admissions Advisor, scan QR code or visit tinyurl.com/uh-pharmd-appt



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



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The University of Houston is an EO/AA institution.