

Health Professions Academic Preparation Supplement

Pharmacy University of Houston College of Pharmacy

The following is a supplement to the Pharmacy Academic Preparation handout available in the University Health Professions Office (UHPO) and is aimed at providing information about the necessary core and program prerequisites for entry to the **College of Pharmacy at the University of Houston**. Please note that all requirements are subject to approval by the University of Houston College of Pharmacy and are subject to change at any time. For more information on the Pharm.D. program available at the University of Houston please visit the School of Pharmacy website at: <http://pharmacy.uh.edu>.

U of H College of Pharmacy Required Courses	University of Texas @ San Antonio Equivalent Courses	Required Hours	Grade	Notes
Core Course Requirements				
ENGL 1303: English Composition I *	WRC 1013: Freshman Composition I	3		
ENGL 1304: English Composition II *	WRC 1023: Freshman Composition II	3		
Writing in the Disciplines* <small>NOTE: Other courses which will fulfill the writing in the disciplines requirement can be found at: http://www.uh.edu/academics/corecurriculum/huma.html</small>	Any course that fulfills UTSA's Economics or World Society and Issues core curriculum requirement	3		
Humanities * <small>NOTE: See above note.</small>	ENG 2013, ENG 2223, ENG 2233, ENG 2263, PHI 2013, or WS 2013	3		
Visual / Performing Arts * <small>NOTE: See above note.</small>	AHC 1113, AHC 1123, AHC 1133, ARC 2413 or ARC 2423	3		
History*	HIS 1043: US History: Pre-Columbus – Civil War	3		
	HIS 1053: US History: Civil War - Present	3		
Social Sciences	PSY 1013: Intro to Psychology or SOC 1013: Intro to the Study of Society	3		
Political Science*	POL 1013: Intro to American Politics	3		
	POL 1133: Texas Politics and Society or POL 1213: Topics in Tex. & Amer. Politics	3		
Prerequisite Course Requirements				
CHEM 1331: Fundamentals of Chemistry I	CHE 1103: General Chemistry I or CHE 1143: Principles of Chemistry I	3		
CHEM 1111: Fundamentals of Chemistry I Lab	CHE 1122: Gen. Chem. I Lab and CHE 1120: Gen. Chem. I Lab Lecture	2		
CHEM 1332: Fundamentals of Chemistry II	CHE 1113: General Chemistry II or CHE 1153: Principles of Chemistry II	3		
CHEM 1112: Fundamentals of Chemistry II Lab	CHE 1132: Gen. Chem. II Lab and CHE 1130: Gen. Chem. II Lab Lecture	2		
<i>continued on reverse</i>				

CHEM 3331: Organic Chemistry I <i>NOTE: CHE 2603 was formerly CHE 2604.</i>	CHE 2603: Organic Chemistry I	3		
CHEM 3221: Organic Chemistry Lab I	CHE 2612: Org. Chem. I Lab and CHE 2610: Org. Chem. I Lab Lecture	2		
CHEM 3332: Organic Chemistry II <i>NOTE: CHE 3643 was formerly CHE 2623.</i>	CHE 3643: Organic Chemistry II	3		
CHEM 3222: Organic Chemistry Lab II	CHE 3652: Org. Chem. II Lab and CHE 3650: Org. Chem. II Lab Lecture	2		
PHYS 1301: Physics (or 1 yr HS Physics)	PHY 1603: Algebra-Based Physics I	3		
MATH 1431: Calculus I <i>NOTE: MAT 1193 was formerly MAT 1194.</i>	MAT 1214: Calculus I or MAT 1193: Calculus for Biosciences	4		
MATH 2311: Introduction to Statistical Analysis <i>NOTE: STA 1403 was formerly STA 1404.</i>	STA 1053: Basic Statistics or STA 1403: Statistics for Biosciences	3/4		
BIOL 1361: Intro. to Biological Sciences I	BIO 1404: Biosciences I	4		
BIOL 1161: Intro. to Bio. Sciences I Lab	BIO 1122: Lab Investigations in Biology	2		
BIOL 1362: Intro to Biological Sciences II	BIO 1413: Biosciences II	3		
BIOL 2333: Elementary Microbiology	BIO 3713: Microbiology or BIO 1053: Introductory Microbiology	3		
BIOL 2133: Elementary Microbiology Lab	BIO 3722: Microbiology Lab or BIO 1061: Intro. Microbiology Lab	1/2		
COMM 1332: Fundamentals of Public Speaking	COM 2113: Public Speaking	3		

**Not required by students who have completed the core curriculum or earned a baccalaureate degree from a public Texas college/university.*

Please note that the previously listed UTSA courses are for students following the 2010-2012 Undergraduate Catalog. Students following another undergraduate catalog should consult an advisor with any questions about course numbering.

There are four basic steps in the admissions process for the Pharm.D. program

1. Complete the above required Pre-Pharmacy coursework

All Pre-Pharmacy required courses (or pre-requisites) are necessary for admission to the College of Pharmacy and must be completed with a grade of C or above. The UH COP Admissions Committee will look at an applicant's overall pre-pharmacy prerequisite GPA, which includes all of the courses on the list above (including the core courses).

Other information concerning pre-requisites:

- Grades of repeated courses are averaged
- The average pre-requisite GPA for the 2010 entering pharmacy class was 3.60
- The average math/science GPA for the 2010 entering pharmacy class was 3.50



2. Take the Pharmacy College Admissions Test (PCAT)

The PCAT is a required exam for admission to UH College of Pharmacy. The average composite PCAT score for the 2010 entering PharmD class was an 82%. For further information regarding the PCAT, visit: www.pcatweb.info.

3. Obtain three letters of evaluation

The college requires that students submit three letters of evaluation with their application to UH College of Pharmacy—one must be from a license pharmacist practicing or having practiced in the U.S. and one must be from an academic advisor or professor (teaching assistants or fellows are not permissible). The third letter of evaluation should come from a second professor or supervisor/employer.

4. Participate in Community Service

Community service, volunteering, and school service are all positive areas to be included on the application. The college is looking for well-rounded individuals who are involved in their communities. There is no minimum amount of activities to be included on the application and the activities can be whatever type that the applicant chooses. Activities do not have to be in the health care area. However, only activities completed after graduation from high school may be included.

Reference: University of Houston School of Pharmacy Website (<http://pharmacy.uh.edu/fs/pharmd/>)