



## 2023-2024 Catalog

### Pre-Pharmacy

Track  
**Program**  
Health Professions

As part of a Pre-Health Track, you'll work with a dedicated Health Professions Advisory Committee (HPAC) advisor to plan your roadmap to a health professions school

**Total Credits 43**

Biology			
Must take in Order			
Item #	Course Title		Credits
<input type="checkbox"/> BIOL 1351	Introduction to Population Biology and Evolution	BIOL 1351 Corequisite: BIOL 1151	3
<input type="checkbox"/> BIOL 1151	Introduction to Biology Practicum	BIOL 1151 Corequisite: BIOL 1351	1
<input type="checkbox"/> BIOL 1352	Introduction to Cell and Molecular Biology	BIOL 1352 Corequisite: BIOL 1152	3
<input type="checkbox"/> BIOL 1152	Basic Lab Techniques in Biology	BIOL 1152 Corequisite: BIOL 1352	1
<input type="checkbox"/> BIOL 3321	Genetics	Prerequisites (with a grade of 'C' or better): BIOL 1351/1151, 1352/1152 and CHEM 1341/1141.	3
<input type="checkbox"/> BIOL 3333	Microbiology	BIOL Upper-Division Prerequisite (with a 'C' or better): BIOL 3321	3
<input type="checkbox"/> BIOL 3133	Microbiology Laboratory	BIOL Upper-Division Prerequisite (with a 'C' or better): BIOL 3321	1

Chemistry			
Must take in order:			
Item #	Course Title		Credits
<input type="checkbox"/> CHEM 1341	General Chemistry I	CHEM 1341 Corequisite: CHEM 1141	3
<input type="checkbox"/> CHEM 1141	General Chemistry I Laboratory	CHEM 1141 Corequisite: CHEM 1341	1
<input type="checkbox"/> CHEM 1342	General Chemistry II	CHEM 1342 Prerequisite (C or better): CHEM 1341/1141. Corequisite: CHEM 1142	3
<input type="checkbox"/> CHEM 1142	General Chemistry II Laboratory	CHEM 1142 Corequisite: CHEM 1342	1

<input type="checkbox"/>	CHEM 2343	Organic Chemistry I	CHEM 2343 Prerequisite: CHEM 1342/1142; Corequisite: CHEM 2143.	3
<input type="checkbox"/>	CHEM 2143	Organic Chemistry I Laboratory	CHEM 2143 Corequisite: CHEM 2343	1
<input type="checkbox"/>	CHEM 3333	Organic Chemistry II	CHEM 3333 Prerequisite: CHEM 2343/2143; Corequisite: CHEM 3133.	3
<input type="checkbox"/>	CHEM 3133	Organic Chemistry II Laboratory	CHEM 3133 Corequisite: CHEM 3333	1

## Physics

Choose one pair of courses:

Item #	Course Title		Credits	
<input type="checkbox"/>	PHYS 1331	General Physics I	PHYS 1331 Prerequisite: MATH 1430.	3
<input type="checkbox"/>	PHYS 1111	General Physics I Laboratory	PHYS 1111 Corequisite: PHYS 1331	1
<input type="checkbox"/>	PHYS 2333	University Physics I	PHYS 2333 Corequisites: PHYS 2111, MATH 1431	3
<input type="checkbox"/>	PHYS 2111	University Physics I Laboratory	PHYS 2111 Corequisite: PHYS 2333	1

## Mathematics

Item #	Course Title		Credits	
<input type="checkbox"/>	MATH 1431	Calculus I	MATH 1431 Prerequisite: MATH 1430 or department consent.	4

## Statistics

Choose one of the following:

Item #	Course Title		Credits	
<input type="checkbox"/>	MATH 3450	Biostatistics I		4

## Additional Requirements

*Note: Courses in the groups below are additional requirements for Pharm D. programs at Texas schools; therefore, the stated hours in each section are not included in program total.*

## University of Houston College of Pharmacy

Choose one:

Item #	Course Title		Credits	
<input type="checkbox"/>	PSYC 1332	General Psychology		3
<input type="checkbox"/>	SOCI 1331	Principles of Sociology		3

## University of Texas College of Pharmacy

Foreign Language (2 semesters)\*

\* This requirement may be satisfied by completing either two years of a single foreign language in high school or two semesters of a single foreign language in college. Non-native English speakers may take a placement exam in their native language to demonstrate competence in that language. Proof of completion of a foreign language, by a high school or college transcript, must be submitted prior to enrollment. Applicants who started their college education prior to the summer of 1985 are exempted from this requirement.

## University of Texas at Tyler, Ben and Maytee Fisch College of Pharmacy

Item #	Course Title		Credits
<input type="checkbox"/> BIOL 2445	Human Anatomy and Physiology I		4
<input type="checkbox"/> BIOL 2446	Human Anatomy and Physiology II	BIOL 2046 Prerequisite: BIOL 2445; Corequisite: BIOL 2446	4
<input type="checkbox"/> COMM 1331	Public Speaking		3
<input type="checkbox"/> ECON 1331	Principles of Macroeconomics		3

## University of the Incarnate Word School of Pharmacy

Item #	Course Title		Credits
<input type="checkbox"/> BIOL 2445	Human Anatomy and Physiology I		4
<input type="checkbox"/> BIOL 2446	Human Anatomy and Physiology II	BIOL 2046 Prerequisite: BIOL 2445; Corequisite: BIOL 2446	4

## Texas Tech School of Pharmacy, Abilene and Amarillo campuses

Item #	Course Title		Credits
<input type="checkbox"/> COMM 1331	Public Speaking		3
<input type="checkbox"/> ECON 1331	Principles of Macroeconomics		3

## Texas A&M Irma Lerma Rangel College of Pharmacy, Kingsville

Item #	Course Title		Credits
<input type="checkbox"/> COMM 1331	Public Speaking		3

## Texas Southern University College of Pharmacy and Health Sciences

• Also required: *Medical Terminology* (Not offered at UST).

Item #	Course Title		Credits
<input type="checkbox"/> BIOL 2445	Human Anatomy and Physiology I		4
<input type="checkbox"/> BIOL 2446	Human Anatomy and Physiology II	BIOL 2046 Prerequisite: BIOL 2445; Corequisite: BIOL 2446	4

<input type="checkbox"/>	COMSC 1450	Introduction to Programming and Computer Science	4
<input type="checkbox"/>	COMM 1331	Public Speaking	3

### University of North Texas School of Pharmacy

<b>Item #</b>	<b>Course Title</b>	<b>Credits</b>
<input type="checkbox"/> BIOL 2445	Human Anatomy and Physiology I	4