

2023-2024 Catalog

Pre-Pharmacy

Track

Academic Department

Health Professions Advising Center

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	4
	BIOL 2446 Prerequisite: BIOL 2445; Corequisite: BIOL 2446	
<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	4
	BIOL 2446 Prerequisite: BIOL 2445; Corequisite: BIOL 2446	

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	4
	BIOL 2446 Prerequisite: BIOL 2445; Corequisite: BIOL 2446	

<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

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