

Texas Tech University Health Sciences Center

School of Pharmacy

Last Modified:

Doctor of Pharmacy Prerequisite Courses

October 2011

Pre-Pharmacy is not a major, but there is a body of knowledge required for admission to pharmacy school. Students can pursue any undergraduate major as long as the pre-requisite courses are met. Students are encouraged to pursue programs and activities that help make them more competitive in the admissions process. Interested students are encouraged to contact the undergraduate advising office in Holden Hall at Texas Tech University or the Guidance and Counseling center at South Plains College for more information.

Note from SPC Advisor: Although not required for students to enter the program, it is generally recommended that a student seek a bachelor's degree and keep a GPA above 3.5 to be competitive for admission. Work with your advisor and use electives to work toward BS degree requirements.

Required Courses	SPC Course	Hrs
3000 level Human-Based Sciences**	@ Tech	3
General Biology (for majors w/lab)	BIOL 1406	4
General Biology (for majors w/lab)	BIOL 1407	4
Microbiology	BIOL 2420	4
General Chemistry I (for majors w/lab)	CHEM 1411	4
General Chemistry II (for majors w/lab)	CHEM 1412	4
Organic Chemistry Iw/lab	CHEM 2523	4
Organic Chemistry II w/lab	CHEM 2525	4
Economics (Macro preferred)	ECON 2301	3
Calculus I	MATH 2413	3

Required Courses	SPC Course	Hrs
Statistics	MATH 1342	3
Physics I w/lab	PHYS 1401	4
Speech (Public Speaking)	SPCH 1315	3
If you have a Bachelor's Degree of higher from an accredited U.S. college or university prior to entrance into TTUHSC-SOP, you are exempt from the following courses:		
English Comp I	ENGL 1301	3
English Comp II	ENGL 1302	3
English Literature	ENGL 2_ _ _	3
Humanities and Social Sciences		15 hrs

** A three thousand level course is required in the broad field of human-based sciences. Specific branches may include anatomy, biology, biochemistry, bioengineering, bioinformatics, biomechanics, biomedical research, biophysics, biotechnology, developmental biology, genetics, histology, microbiology, molecular biology, neurobiology, pathophysiology, pharmacology, physiology, and virology. A three thousand level course is based on the Texas Common Course Numbering System (TCCNS). Some schools may use a three digit numbering system. A three hundred level course may not qualify as a three thousand level TCCNS course equivalent. Applicants wishing to have a course evaluated for approval may submit a request to the Office of Student Services.

Humanities/Social Sciences include: Anthropology, Communications (excluding Public Speaking prerequisite), Economics (excluding Economics prerequisite), Ethnic Studies, Family Living/Human Development, Geography, History, Journalism, Philosophy, Political Science (Government), Psychology, and Sociology.

Organic Chemistry Note: Some undergraduate majors may require Organic Chem to be taught in the upper division (3000 - 4000 level). Students are encouraged to declare their major early enough to determine specific course requirements.

Courses older than 7 years require TTUSOP approval.

TTU Advisor Contact:

School of Pharmacy
806.354.5463 phone
pharmacy@ttuhsc.edu
<http://www.ttuhsc.edu/sop>

SPC Advisor Contact:

Transfer Check Sheets are intended as an advising tool and starting point for transfer research. Other options such as substitutions or specializations are not listed. We highly recommend working with an advisor (contact information listed above) and using the research resources available to you to fill the gaps and double check the information provided. Degree requirements are subject to change at any time.

Notes: