



DOCTOR OF PHARMACY PREREQUISITE COURSEWORK

Pre-pharmacy courses provide a solid foundation for the Pharm.D. curriculum and a well-rounded general education. The Accreditation Council for Pharmacy Education recommends chemistry, biology, mathematics, information and communication technologies, physical sciences, and general education courses as a foundation for the Pharm.D. curriculum (ACPE 2011, Standard 17.1).

College of Pharmacy Prerequisite Coursework

Prerequisite Course	TCCNS	Lamar University
General Chemistry I & Lab	CHEM (1311 & 1111) or 1411	CHEM 1311 & 1111
General Chemistry II & Lab	CHEM (1312 & 1112) or 1412	CHEM 1312 & 1112
Biology I & Lab	BIOL (1306 & 1106) or 1406	BIOL 1406
Biology II & Lab	BIOL (1307 & 1107) or 1407	BIOL 1407
Fundamentals of Speech	SPCH 1311, 1315, 1318 or 1321	COMM 1315, 1318 or 1321
Calculus I	MATH 2413, 2313, 1325, or 1425	MATH 2413 or MATH 1325
Economics	ECON 2301 or 2302	ECON 2301 or 2302
Organic Chemistry I & Lab	CHEM (2323 & 2223) or 2423	CHEM 3311 & 3111
Organic Chemistry II & Lab	CHEM (2325 & 2225) or 2425	CHEM 3312 & 3112
Microbiology & Lab	BIOL (2320 & 2120) or (2321 & 2121) or 2421	BIOL 2420
Anatomy/Physiology I & Lab*	BIOL (2301 & 2101) or 2401	BIOL 2401
Anatomy/Physiology II & Lab*	BIOL (2302 & 2102) or 2402	BIOL 2402

TCCNS: Texas Core Course Numbering System (<http://www.tccns.org>); SCH: Semester Credit Hour

***Notes:** A separate Anatomy + Lab (3+1 SCH) and Physiology + Lab (3+1 SCH) courses may be used to satisfy the Anatomy/Physiology I & II requirements.

Time Requirements: Organic chemistry, biology, anatomy/physiology, and microbiology courses must be completed no longer than 7 years prior to entry into the college of pharmacy. Requests to consider exceptions to the pre-requisites or other requirements may be made in writing to the Admissions Committee through the Office of Student Affairs. Pre-pharmacy courses do not have to be completed prior to applying to the College of Pharmacy, but must be completed prior to entry.

Grade Requirements: All science and math courses must be completed at a grade of C or higher. Students may retake these course if they receive a grade lower than a “C” and if they receive a grade of “C” or higher, this requirement will be considered met. Both the original grade(s) and the repeated grade(s) will be included in the GPA calculations.

Advanced placement (AP): AP courses may be substituted for a required course depending upon the score obtained, refer to <http://www.uttyler.edu/admissions> for more information.

Texas Core Curriculum: The Texas Core Curriculum describes the general education requirements that all first time college graduates in Texas must complete as part of their degree program. Exemptions to this requirement and additional information on the Texas Core Curriculum may be found at: <http://www.uttyler.edu/pharmacy/core.php>

Equivalent coursework at other colleges and universities: Courses can be identified through the Texas Common Course Numbering System (<http://www.tccns.org>) and/or the equivalency sheets available at <http://www.uttyler.edu/pharmacy/new-students.php>. For courses not included in the TCCNS, please contact the Office of Student Affairs.