



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	University of Houston Downtown
General Chemistry I & Lab	CHEM (1311 & 1111) or 1411	CHEM 1307 + 1107
General Chemistry II & Lab	CHEM (1312 & 1112) or 1412	CHEM 1308 + 1108
Biology I & Lab	BIOL (1306 & 1106) or 1406	BIOL 1301 + 1101
Biology II & Lab	BIOL (1307 & 1107) or 1407	BIOL 1302 + 1102
Fundamentals of Speech	SPCH 1311, 1315, 1318 or 1321	COMM 1304, 1306 or 2309
Calculus I	MATH 2413, 2313, 1325, or 1425	MATH 2401 or 1306
Economics	ECON 2301 or 2302	ECO 2301 or 2302
Organic Chemistry I & Lab	CHEM (2323 & 2223) or 2423	CHEM 3301 + 3201
Organic Chemistry II & Lab	CHEM (2325 & 2225) or 2425	CHEM 3302 + 3202
Microbiology & Lab	BIOL (2320 & 2120) or (2321 & 2121) or 2421	MBIO 2305 + 2105 or MBIO 1305 + 1105
Anatomy/Physiology I & Lab*	BIOL (2301 & 2101) or 2401	BIOL 1303 + 1103 or BIOL 3305 + 3105 (Anatomy)
Anatomy/Physiology II & Lab*	BIOL (2302 & 2102) or 2402	BIOL 1304 + 1104 or BIOL 3320 + 3120 (Physiology)

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 prerequisite must be completed at a grade of C or higher. Students may retake these course if they receive a grade lower than a "C". If the repeated grade is a "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.