



## 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	Texas Christian University
General Chemistry I & Lab	CHEM (1311 & 1111) or 1411	(CHEM 10113, CHEM 10123 & 10122) or (CHEM 10113 & 10125)
General Chemistry II & Lab	CHEM (1312 & 1112) or 1412	
Biology I & Lab	BIOL (1306 & 1106) or 1406	BIOL 10504
Biology II & Lab	BIOL (1307 & 1107) or 1407	BIOL 10514
Fundamentals of Speech	SPCH 1315 or 1311	COMM 10123, 10133 or 20113
Calculus I	MATH 2413, 2313, 1325, or 1425	MATH 10283 or 10524
Economics <sup>1</sup>	ECON 2301 or 2302	ECON 10223 or 10233
Organic Chemistry I & Lab	CHEM (2323 & 2223) or 2423	CHEM 30123 & (30121 or 30122)
Organic Chemistry II & Lab	CHEM (2325 & 2225) or 2425	CHEM 30133 & 30132
Microbiology & Lab	BIOL (2320 & 2120), (2321 & 2121) or 2421	BIOL 20234
Anatomy/Physiology I & Lab <sup>2</sup>	BIOL (2301 & 2101) or 2401	BIOL 20204
Anatomy/Physiology II & Lab <sup>2</sup>	BIOL (2302 & 2102) or 2402	BIOL 20214

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

Notes: 1) Economics will be required for students entering into the pharmacy program starting fall 2016. This may be macro or microeconomics and 2) 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.