



## 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 Southern University
General Chemistry I & Lab	CHEM (1311 & 1111) or 1411	CHEM 131 + 111
General Chemistry II & Lab	CHEM (1312 & 1112) or 1412	CHEM 132 + 112
Biology I & Lab	BIOL (1306 & 1106) or 1406	BIOL 131 + 111
Biology II & Lab	BIOL (1307 & 1107) or 1407	BIOL 132 + 112
Fundamentals of Speech	SPCH 1311, 1315, 1318 or 1321	SC 131, 135, 136 or 232
Calculus I	MATH 2413, 2313, 1325, or 1425	MATH 135 or 241
Economics	ECON 2301 or 2302	ECON 231 or 232
Organic Chemistry I & Lab	CHEM (2323 & 2223) or 2423	CHEM 231 + 211
Organic Chemistry II & Lab	CHEM (2325 & 2225) or 2425	CHEM 232 + 212
Microbiology & Lab	BIOL (2320 & 2120) or (2321 & 2121) or 2421	BIOL 246 or 347
Anatomy/Physiology I & Lab <sup>*,**</sup>	BIOL (2301 & 2101) or 2401	BIOL 135 + 135L
Anatomy/Physiology II & Lab <sup>*,**</sup>	BIOL (2302 & 2102) or 2402	BIOL 136 + 135L

<sup>\*\*</sup>BIOL 245: Students taking BIOL 245 should contact the Fisch College of Pharmacy Office of Student Affairs for course options that when added to BIOL 245 will complete the anatomy and physiology requirements.

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 courses 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.