



## 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

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

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.