



## 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 A&M University<br>(College Station) |
|------------------------------|---------------------------------------------|-------------------------------------------|
| General Chemistry I & Lab    | CHEM (1311 & 1111) or 1411                  | CHEM 101 & 111, 107 & 117 or 119          |
| General Chemistry II & Lab   | CHEM (1312 & 1112) or 1412                  | CHEM 102 & 112 or 120                     |
| Biology I & Lab              | BIOL (1306 & 1106) or 1406                  | BIOL 111                                  |
| Biology II & Lab             | BIOL (1307 & 1107) or 1407                  | BIOL 112                                  |
| Fundamentals of Speech       | SPCH 1311, 1315, 1318 or 1321               | COMM 101 or 203                           |
| Calculus I                   | MATH 2413, 2313, 1325, or 1425              | MATH 147, 151 or 171                      |
| Economics                    | ECON 2301 or 2302                           | ECON 202 or 203                           |
| Organic Chemistry I & Lab    | CHEM (2323 & 2223) or 2423                  | CHEM 227 & 237                            |
| Organic Chemistry II & Lab   | CHEM (2325 & 2225) or 2425                  | CHEM 228 & 238                            |
| Microbiology & Lab           | BIOL (2320 & 2120) or (2321 & 2121) or 2421 | BIOL 206, 351 or 456,<br>or VTPB 405      |
| Anatomy/Physiology I & Lab*  | BIOL (2301 & 2101) or 2401                  | BIOL 319                                  |
| Anatomy/Physiology II & Lab* | BIOL (2302 & 2102) or 2402                  | BIOL 320                                  |

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. **\*VTPB 423 Biomedical Physiology I is approved for Human Physiology + Lab\***

**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.