



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 Louisiana at Monroe (ULM)
General Chemistry I & Lab	CHEM (1311 & 1111) or 1411	CHEM 1007 + 1009 (LCCN CCEM 1123/1121)
General Chemistry II & Lab	CHEM (1312 & 1112) or 1412	CHEM 1008 + 1010 (LCCN CCEM 1133/1131)
Biology I & Lab	BIOL (1306 & 1106) or 1406	BIOL 1020 + 1021 (LCCN CBIO 1033/1031)
Biology II & Lab	BIOL (1307 & 1107) or 1407	BIOL 1022 + 1023 (LCCN CBIO 1043/1041)
Fundamentals of Speech	SPCH 1311, 1315, 1318 or 1321	COMM 1001 (LCCN CCOM 1013) or COMM 2001 (LCCN CCOM 2013)
Calculus I	MATH 2413, 2313, 1325, or 1425	MATH 1014 (LCCN CMAT 1014) or MATH 1031 (LCCN CMAT 2114)
Economics	ECON 2301 or 2302	ECON 2001 or 2002
Organic Chemistry I & Lab	CHEM (2323 & 2223) or 2423	CHEM 2030 + 2031 (LCCN CCEM 2213/2211)
Organic Chemistry II & Lab	CHEM (2325 & 2225) or 2425	CHEM 2032 + 2033 (LCCN CCEM 2223/2221)
Microbiology & Lab	BIOL (2320 & 2120) or (2321 & 2121) or 2421	BIOL 2014 + 2015 (LCCN CBIO 2123/2121)
Anatomy/Physiology I & Lab*	BIOL (2301 & 2101) or 2401	BIOL 1014 + 1016 (LCCN CBIO 2213/2211) or BIOL 2040 + 2041 (Anatomy)
Anatomy/Physiology II & Lab*	BIOL (2302 & 2102) or 2402	BIOL 1015 + 1017 (LCCN CBIO 2223/2221) or BIOL 3010 + 3013 (Physiology)

TCCNS: Texas Core Course Numbering System (<http://www.tccns.org>); SCH: Semester Credit Hour; LCCN: Louisiana Common Course Numbers ([link here](#))

***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.