

**UNIVERSITY OF SOUTHERN INDIANA  
GENERALIZED PLAN OF STUDY FOR PRE-PHARMACY**

The pharmacy curriculum requires six years of course work that can be taken in a two-year plus four-year format. Two years of pre-pharmacy course work is followed by four years of professional pharmacy courses leading to a Doctor of Pharmacy (Pharm. D.) degree. The two years of pre-pharmacy courses can be completed at the University of Southern Indiana. The four-years of professional courses can be completed in Indiana following competitive admission to the school of pharmacy at either Purdue University or Butler University.

The following curriculum represents a **generalized composite** of prerequisites and recommended courses for Purdue and Butler pharmacy schools. The science, mathematics, and general education requirements for these schools differ. **For their specific requirements you need to contact the pre-pharmacy advisor Dr. Cindy DeLoney-Marino at (812) 461-5373 in the USI Biology Department.**

**TWO YEARS PRE-PHARMACY (GENERALIZED)**

<u>YEAR ONE – SEMESTER I</u>		<u>YEAR ONE – SEMESTER II</u>	
Biology 141 (Principles)	4	Biology 151 or 152 (Botany or Zoology)	3
Chemistry 261 (General Chem I)§	4	Chemistry 262 (General Chem II)	4
Math 115 or 118 or 230	3/5	Math 230 (Calc I)	4
English 101 (Rhet & Comp I)	<u>3</u>	English 201 (Rhet & Comp II)	3
	14/16	Social Sciences /Humanities	<u>3</u>
			17
 <b>SUMMER:</b> Biology 121 – 122 (Human Anatomy & Physiology I and II) 6 hrs. Speech 101 3 hrs.			

<u>YEAR TWO – SEMESTER I</u>		<u>YEAR TWO – SEMESTER II</u>	
Biology 375-376 (Microbiology)	5	Biology 334 (Cell)	3
Chemistry 353 (Organic I)	4	Chemistry 354 (Organic II)	4
Math 330 (Calc II)	4	Physics I 175	4
Economics 175/208	<u>3</u>	Humanities/Social Sciences	<u>3</u>
	16		14

§ To enroll in Chem 261 students must have completed Math 111 or 118, or tested into Math 115, 230 or higher. If this prerequisite has not been met, then Chem 261 can be taken in Spring semester and Chem 261 completed during the summer or the following Fall semester. The latter will delay completion of prerequisites for application to schools of pharmacy.

Additional information about the requirements for the school of pharmacy at Purdue University and Butler University are included below. It is important to discuss this information with the pre-pharmacy advisor to be certain that you have course prerequisites and know the proper course sequencing. Note that some pharmacy schools require applicants to take the Pharmacy College Admissions Test (PCAT). Butler University requires the PCAT but Purdue University does not. Information about this test is available from the USI pre-pharmacy advisor and the Psychological Corporation at (800) 622-3231.

USI Pre-Pharmacy advisor: Dr. Cindy DeLoney-Marino (812) 461-5373 – [crdeloney@usi.edu](mailto:crdeloney@usi.edu)