

Pre-Pharmacy (SPP)

You must see your advisor to obtain your PIN each semester before registering for courses. Consult your advisor for your specific schedule.

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These are required courses for those who expect to apply for admission to and graduate from the Purdue University School of Pharmacy and Pharmacal Science in West Lafayette, IN.

Grade	Course	Credit Hours	Title
Biology (21 credits)			
	BIOL 107	1	Biol Freshman Experience
	BIOL 101	4	Intro to Biology 1
	BIOL 102	4	Intro to Biology 2
	BIOL 213	4	Anatomy & Physiology I
	BIOL 214	4	Anatomy & Physiology II
	BIOL 221 ¹	4	Intro to Microbiology

¹ BIOL 316 (Basic Microbiology) may be substituted for BIOL 221.

Chemistry (16 credits)			
	CHM 115 ²	4	Gen Chemistry 1
	CHM 116	4	Gen Chemistry 2
	CHM 255	3	Organic Chemistry
	CHM 255L	1	Organic Chemistry Lab
	CHM 256	3	Organic Chemistry 2
	CHM 256L	1	Organic Chemistry Lab 2

² Based on placement evaluation, students may be placed in CHM 100 before taking CHM 115.

Physics (4 credits)			
	PHYS 220	4	Gen Physics 1

Mathematics² (6 credits)			
	MA 223	3	Intro Analysis 1 (Calculus)
	MA 224	3	Intro Analysis 2 (Calculus)

² Based on placement evaluation, students may be placed in MA 021, MA 115, MA 153-154, and/or MA 159 before taking MA 223.

English and Economics (6-9 credits)			
	ENGL 100 ⁴	4	English Composition
	ENGL 104	3	English Composition 1
	ENGL 105	3	English Composition 2
	or ENGL 108	3	Accelerated 1 st Yr Composition
	ECON 210	3	Principles of Economics

³ Based on placement evaluation, students may be placed in ENGL 100, 104 or 108.

⁴ With an A or B grade in ENGL 100, student can progress on to ENGL 105 without taking ENGL 104.

Pharmacy School Notes: You do not need to be a pre-pharmacy major to apply to pharmacy school. You must fulfill the prerequisite courses as identified on this page for consideration to **Doctor of Pharmacy (Pharm. D.) program, Purdue University School of Pharmacy and Pharmacal Sciences**. However, it is up to the individual student to make sure that his/hers program satisfies the admission requirements for any pharmacy school that he/she applies to. For more information on pharmacy schools and the profession, go to www.PharmCAS.org.

Admissions decisions by the Admissions Committee involve consideration of several factors including: cumulative grade point average for all coursework taken after high school, with particular attention to pre-pharmacy sciences courses; previous work and leadership experience; volunteer service experience; two letters of recommendation (required); writing, verbal, and interpersonal abilities; and initiative to learn about pharmacy career paths. A personal interview is required.

Generally, a student needs a GPA of >3.00 to be competitive. It is not to your advantage to repeat courses to improve your grade and GPA. Doctor of Pharmacy program applicants must submit their application through the Pharmacy College Application Service, known as PharmCAS (www.PharmCAS.org). Applications are generally due to the school by Dec. 1st of the year **BEFORE** you plan on entering. PCATs are not required for PU School of Pharmacy but most other schools require the entrance exams.

The Pharm. D. professional program is only one step, albeit a required one, in the process of becoming a registered pharmacist. The other steps include preparation for college study, admission to college, completion of the pre-pharmacy requirements, and after completion of the Pharm.D., passing the licensure examination (NAPLEX) and completing the application materials and processes required for licensure (from <http://www.pharmacy.purdue.edu/>).

This is a planning aid only! See your Academic Advisor for complete information.

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SAMPLE Plan of Study- Consult your advisor for individual plans

Fall Semester	Spring Semester	Summer or May Semester
Prep classes ENGL 100 CHM 100 MA 021/115/153/154		
BIOL 107 ENGL 100 or ENGL 104 BIOL 101 CHM 115 BUS/ADM Elective (Total semester credits 15)	ENGL 105 BIOL 102 CHM 116 ECON 210 HUMANITIES/BHS Elective (Total semester credits 17)	
MA 223 BIOL 213 CHM 255 /255L PHYS 220 SCI/TECH Elective (Total semester credits 18) Submit PharmCAS application	MA 224 BIOL 214 BIOL 316 or BIOL 221 CHM 256/256L (Total semester credits 15)	

NOTE: CHEM 100, MA 021/115/153/154/159 are considered preparatory classes for Biology program. MA 021 credit hours do not count towards a biology degree. However, these classes count towards full-time status for students. MA 163/164 are geared towards engineering students.