

Purdue University
College of Pharmacy

Plan of Study for Pre-Doctor of Pharmacy at **Indiana University**
Bloomington, IN

General Chemistry	Principles of Chemistry & Biochemistry I	CHEM-C 117
	Principles of Chem & Biochem I Lab	CHEM-C 127
	Intermediate Inorganic Chemistry	CHEM-N 331*
	Intermediate Inorganic Chemistry Lab	CHEM-N 337*
Organic Chemistry	Organic Chemistry I	CHEM-C 341
	Organic Chemistry Lab I	CHEM-C 343
	Organic Chemistry II	CHEM-C 342
Biochemistry	Human Biochemistry	CHEM-C 383**
Biology	Biological Mechanisms	BIOL-L 112
	Biology Lab	BIOL-L 113
	Molecular Biology	BIOL-L 211
Microbiology	Microbiology	BIOL-M 250***
	Microbiology Lab	BIOL-M 315****
Anatomy & Physiology	Basic Human Anatomy	ANAT-A 255*****
	Basic Human Physiology	PHSL-P 225*****
Physics	General Physics I	PHYS-P 201
Calculus	Brief Survey of Calculus I	MATH-M 119*****
Statistics	Applied Statistical Methods Life	STAT-S 303*****
English/Writing	Elementary Composition I	ENG-W 131
Economics	Introduction to Microeconomics	ECON-E 251*****
Communications	Public Oral Communication	COLL-P 155
Social Sciences/Humanities	Prefer a course in philosophy, logic, ethics, intercultural communications	
<u>One of the following:</u>		
Immunology (RECOMMENDED)	Principles of Immunology	BIOL-L 321
Genetics	Genetics	BIOL-L 311
Cancer Biology	Molecular Mechanisms of Cancer	MLS-M 450
Molecular Biology	Not applicable	
Cellular Biology	Cell Biology	BIOL-L 312

* CHEM-C 118 (Princ of Chem & Biochem II) may be substituted for CHEM-N 331 and CHEM-N 337

** CHEM-C 483 (Biological Chemistry) or CHEM-C 484 (Biomolecules & Catabolism) may be substituted for CHEM-C 383

*** BIOL-M 380 (Infectious Disease: Agents and Transmission) may be substituted for BIOL-M 250

**** BIOL-M 316 (Molecular Microbiology Lab) can be substituted for BIOL-M 315

***** ANAT-A 464 (Human Tissue Biology) may be substituted for ANAT-A 225

***** BIOL-P 451 (Integrative Human Physiology) may be substituted for PHSL-P 215

***** MATH-M 211 (Calculus I) may be substituted for MATH-M 119

***** PSY-K 300/SPEA-K 300 (Statistical Techniques) or ECON-E 270 (Intro to Stat Theory in Econ & Bus) may be substituted for STAT-S 303

***** ECON-E 252 (Intro to Macroeconomics) may be substituted for ECON-E 251

A minimum total of 62 credit hours (includes advanced placement, department credit, pass/not pass, etc.) is required to meet admission requirements. A minimum of 72 credit hours is required to qualify for professional financial aid (including loans).

This plan of study is specifically designed for Indiana University students preparing to apply for admission to the Doctor of Pharmacy program at Purdue University College of Pharmacy. Additional information about the College and professional program admissions is located at www.pharmacy.purdue.edu.

Before applying for admission to Purdue University College of Pharmacy, you should contact the Office of Student Services, (765) 496-6885, pharmacy-admissions@purdue.edu, for current and accurate information. You must use the Pharmacy College Application Service (PharmCAS, www.pharmcas.org) to make an application. Purdue does not require the Pharmacy College Admission Test (PCAT). This document has been prepared with the assistance of Dr. Rachel Tolen, Director & Premed Advisor, Health Professions and Prelaw Advising, IUB, (812) 855-1873, ratolen@iu.edu.

The information contained in this document is subject to change as a result of action by federal and/or state governments, the trustees of Purdue University, the administration of Purdue University, and the faculty of the College of Pharmacy.

Reviewed: May 2026