

**Purdue University
College of Pharmacy**

Plan of Study for Pre-Doctor of Pharmacy at the **University of Indianapolis**
Indianapolis, IN

General Chemistry	General Chemistry I	CHEM 150
	General Chemistry I Laboratory	CHEM 151
	General Chemistry II	CHEM 160
	General Chemistry II Laboratory	CHEM 161
Organic Chemistry	Organic Chemistry I	CHEM 250
	Organic Chemistry I Laboratory	CHEM 251
	Organic Chemistry II	CHEM 260
	Organic Chemistry II Laboratory	CHEM 261
Biochemistry	Biochemistry I	BIOL/CHEM 320
Biology	Introduction to Cell Biology	BIOL 165
	Introduction to Genetics	BIOL 225
Microbiology	General Microbiology	BIOL 220*
Anatomy & Physiology	Principles of Human Anatomy	BIOL 103**
	Mammalian Physiology	BIOL 330
Physics	General Physics I	PHYS 150
	General Physics I Laboratory	PHYS 155
Calculus	Calculus & Analytical Geometry I	MATH 190
	Calculus & Analytical Geometry II	MATH 191
Statistics	Statistics for the Sciences	MATH 245***
English/Writing	English Composition	ENGL 101
Economics	Macroeconomics	ECON 111****
Communications	Public Speaking	COMM 100
Social Science/Humanities	Prefer a course in philosophy, logic, ethics, intercultural communications	
<u>One of the following:</u>		
Immunology (RECOMMENDED)	Immunology	BIOL 370
Genetics	Advanced Genetics	BIOL 325
Cancer Biology	Cancer Biology	BIOL 440
	Cancer Biology Lab	BIOL 441
Molecular Biology	Molecular Biology	BIOL 390
Cellular Biology	Cell Biology	BIOL 335

* BIOL 209 (Clinical Microbiology) may be substituted for BIOL 220

** BIOL 305 (Human Functional Anatomy) may be substituted for BIOL 103

*** MATH 220 (Elementary Statistics) may be substituted for MATH 245

**** ECON 110 (Microeconomics) may be substituted for ECON 111

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 University of Indianapolis 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. Joe Burnell, Department of Chemistry, University of Indianapolis, (317) 788-3284, burnell@uindy.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