

Bachelor of Science in Pharmaceutical Sciences Fall 2024 Curriculum Guide

Required completion of 120 credit hours.

Fall - Semester 1

(4)	BIOL 11000	Fundamentals of Biology I ¹
OR (4)	BIOL 20300	Anatomy & Physiology I ¹
(5)	CHM 12901	Gen. Chem. w/ Biological Focus
(3)	MA 16010	Applied Calculus I ¹
(1)	PHSC 10000	Pharmacy Orientation I
(3)	Oral Communication UCC Selective ¹	

(16) Credit Hours

Spring - Semester 2

(4)	BIOL 11100	Fundamentals of Biology II
OR (4)	BIOL 20400	Anatomy & Physiology II
(3)	MA 16020	Applied Calculus II
(3)	PHSC 20400	Organic Chemistry I ²
(1)	PHSC 20401	Organic Chemistry I Lab ²
(3)	Written Communication UCC Selective ¹	

(14) Credit Hours

Fall - Semester 3

(4)	BIOL 20300	Anatomy & Physiology I ¹
OR (4)	BIOL 11000	Fundamentals of Biology I ¹
(4)	BIOL 22100	Intro. to Microbiology
OR (4)	PHYS 22000	General Physics I
(3)	PHSC 20500	Organic Chemistry II ²
(1)	PHSC 20501	Organic Chemistry II Lab ²
(3)	STAT 30100	Elementary Statistical Methods

(15) Credit Hours

Spring - Semester 4

(4)	BIOL 20400	Anatomy & Physiology II
OR (4)	BIOL 11100	Fundamentals of Biology II
(4)	PHYS 22000	General Physics I
OR (4)	BIOL 22100	Intro. to Microbiology
(3)	PHSC 20800	Biochemistry for Pharm. Science ²
(3)	PHSC 42200	Immunology ²
(3)	AGEC 21700	Economics ¹

(17) Credit Hours

Fall - Semester 5

(3)	PHSC 42400	Pathophysiology/Drug Action
(3)	PHSC 42800	Dosage Forms I
(2)	PHSC 43600	Biochemistry for Pharm. Science II
(1)	PHSC 20100	BSPS Orientation II
(3)	Professional Writing Selective ³	
(3)	Electives	

(15) Credit Hours

Spring - Semester 6

(4)	CHM 37200	Physical Chemistry
(2)	PHSC 42900	Dosage Forms II
(3)	Pharmacy Special Interest Selective ³	
(3)	Humanities UCC Selective ¹	
(3)	Electives	

(15) Credit Hours

Fall - Semester 7

(3)	PHSC 46000	Drug Discovery & Development I
(3)	Pharmacy Leadership Selective ³	
(3)	Pharmacy Special Interest Selective ³	
(3)	Science, Technology, & Society UCC Selective ¹	
(0-3)	Pharmacy Experiential Selective ^{4,5}	

(12-15) Credit Hours

Spring - Semester 8

(3)	PHSC 46100	Drug Discovery & Development II
(2)	PHSC 48500	Intercultural & Global Hlth Issues
(3)	MCMP 54400	Drug Classes/Mechanisms
(5-8)	Electives	

(13-16) Credit Hours

¹ Fulfills University Undergraduate Core Curriculum Requirement. For course listings go to <https://www.purdue.edu/provost/students/s-initiatives/curriculum/courses.html>

² Must have cumulative GPA of 2.5 or higher to enroll

³ Review your mPP for Pharmacy Selective options

⁴ Review your mPP for Pharmacy Experiential Selective options

⁵ Requirement can also be met by semester- or year-long Co-Op or Summer internship prior to final year, in which case the required credits will count towards electives

This plan of study represents one option for completing degree requirements and does not include AP, IB, or Dual Enrolled Credit earned during high school. Please meet with a College of Pharmacy academic advisor to determine an individualized plan of study.