

B.S. in Pharmaceutical Sciences Fall 2023 Curriculum

Required completion of 120 credit hours, including University Core and elective hours.

Fall Semester 1

(4)	BIOL 11000	Fundamentals of Biology I ¹
OR	BIOL 20300	Anatomy & Physiology I ¹
(5)	CHM 12901	Gen. Chem w/ Biological Focus
(3)	MA 16010	Applied Calculus I ¹
(1)	PHRM 10000	Intro to Pharmacy & Pharm Sci ²
(3)	Oral Communication UCC Selective ¹	

(16) Credit Hours

Spring Semester 2

(4)	BIOL 11100	Fundamentals of Biology II
OR	BIOL 20400	Anatomy & Physiology II
Pharmacy Educational Selective (Choose one):		
(3)	MA 16020	Applied Calculus II (required for BSPS Students)
OR	Pre-PharmD Educational Goal Selective (required for Pre-PharmD Students) ³	
(4)	MCMP 20400	Organic Chemistry I ⁴
(3-4)	Written Communication UCC Selective ¹	

(14-15) Credit Hours

Fall Semester 3

(4)	BIOL 20300	Anatomy & Physiology I ¹
OR	BIOL 11000	Fundamentals of Biology I ¹
(4)	BIOL 22100	Intro to Microbiology
OR	PHYS 22000	General Physics I
(4)	MCMP 20500	Organic Chemistry II ⁴
(3)	STAT 30100	Elementary Statistical Methods
(2)	Elective (PHRM 20000 recommended for Pre-PharmD)	

(17) Credit Hours

Spring Semester 4

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

(17) Credit Hours

Fall Semester 5

(3)	Professional Writing Selective ⁵	
(3)	PHRM 42400	Pathophys/Drug Action
(3)	PHRM 42800	Dosage Forms I
(2)	PHRM 83600	Biochem for Pharm Science II
(1)	PHRM 20100	Pharmaceutical Sci. Orient. II
(2)	Electives	

(14) Credit Hours

Spring Semester 6

(4)	CHM 37200	Physical Chemistry
(2)	PHRM 42900	Dosage Forms II
(3)	Pharmacy Special Interest Selective ⁵	
(3)	Humanities UCC Selective ¹	
(2)	Electives	

(14) Credit Hours

Fall Semester 7

(0-3)	Pharmacy Experiential Selective ^{6,7}	
(3)	PHRM 46000	Drug Discovery & Development I
(3)	Pharmacy Leadership Selective ⁵	
(3)	Pharmacy Special Interest Selective ⁵	
(3)	Science, Technology & Society UCC Selective ¹	
(3)	Electives	

(15-18) Credit Hours

Spring Semester 8

(3)	MCMP 54400	Drug Classes/Mechanisms
(3)	PHRM 46100	Drug Discovery & Development II
(2)	PHRM 48500	Intercultural & Global Hlth Issues
(4)	Electives	

(13) Credit Hours

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

² Optional, but **strongly recommended** for both Pre-Doctor of Pharmacy and Pharmaceutical Sciences Students

³ Review your mPP for Pre-PharmD Educational Goal Selective or go to https://catalog.purdue.edu/preview_program.php?catoid=15&pooid=24100

⁴ Must have cumulative GPA of 2.5 or higher to enroll

⁵ Review your mPP for Pharmacy Selective options or go to https://catalog.purdue.edu/preview_program.php?catoid=15&pooid=24100

⁶ Review your mPP for Pharmacy Experiential Selective options or go to https://catalog.purdue.edu/preview_program.php?catoid=15&pooid=24100

⁷ 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.

Please meet with a College of Pharmacy academic advisor to determine an individualized plan of study.