

## Example Plan of Study for the Bachelor of Science in Pharmaceutical Sciences and Master of Public Health 4+1

### Fall - Semester 1

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

### Spring - Semester 2

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

### Fall - Semester 3

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

### Spring - Semester 4

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

(12) Credit Hours

### Spring - Semester 6

(4) CHM 37200	Physical Chemistry
(2) PHSC 42900	Dosage Forms II
(3) PHSC 44400	Drug Classes and Mechanisms
(3) Humanities UCC Selective <sup>1</sup>	
(3) Science, Technology, & Society UCC Selective <sup>1</sup>	

(15) Credit Hours

### Fall - Semester 7

(3) PHSC 46000	Drug Discovery & Development I
(1) PHSC 40000	Rsrch. Method. & Pharmacokinetics
(3) Pharmacy Leadership Selective <sup>3</sup>	
(3) Pharmacy Special Interest Selective <sup>3</sup> (MPH Core/Concentration)	
(3) Elective (MPH Core Class)	
(3) Elective (MPH Core Class)	
Pharmacy Experiential Selective <sup>4</sup>	

(16) Credit Hours

### Spring - Semester 8

(3) PHSC 46100	Drug Discovery & Development II
(2) PHSC 48500	Intercultural & Global Hlth. Issues
(3) Pharmacy Special Interest Selective <sup>3</sup> (MPH Concentration)	
(3) Elective (MPH Core Class)	
(4) Elective	

(15) Credit Hours

*Graduate with BSPS degree*

### Summer- MPH Only

(3)	PUBH 60700	Public Health Practicum
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**Fall-MPH Only**

(3) MPH Core/Concentration
(3) MPH Concentration Class
(3) MPH Concentration Class
(3) MPH Elective

(12) Credit Hours

**Spring-MPH Only**

(3) MPH Core Class
(3) MPH Core Class
(3) MPH Concentration Class
(3) PUBH 60800 Culminating Experience

(12) Credit Hours

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

<sup>2</sup> Must have cumulative GPA of 2.5 or higher to enroll

<sup>3</sup> Review your mPP for Pharmacy Selective options

<sup>4</sup> Review your mPP for Pharmacy Experiential Selective options

**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.**