

# BSPS CURRICULUM

## *First Year*

### First Semester

COURSE	TITLE	CREDITS
BIOL 1100*	Fundamentals of Biology I	4
CHM 12901*	General Chemistry with Biological Focus	5
COM 11400*	Fundamentals of Speech Communication	3
MA 16010*	Applied Calculus I	3
IPPH 10000	Pharmaceutical Sciences Orientation	1
Total:		16

### Second Semester

COURSE	TITLE	CREDITS
BIOL 11100*	Fundamentals of Biology II	4
ENGL 10600*	First-Year Composition	4
MA 16020*	Applied Calculus II	3
MCMP 20400 <sup>‡</sup>	Organic Chemistry I	4
Total:		15

**IMPORTANT: Students must have no grades lower than C- in core science courses to enroll in any PHRM or MCMP course listed in Semester 3 or higher.**

## *Second Year*

### Third Semester

COURSE	TITLE	CREDITS
BIOL 30100	Human Design: Anatomy and Physiology	3
MCMP 20500 <sup>‡</sup>	Organic Chemistry II	4
PHYS 22000*	General Physics I	4
STAT 30100*	Elementary Statistical Method	3
Total:		14

### Fourth Semester

COURSE	TITLE	CREDITS
BIOL 22100	Introduction to Microbiology	4
BIOL 30200	Human Design: Anatomy and Physiology	3

### Fourth Semester

MCMP 20800 <sup>†</sup>	Biochemistry for Pharmaceutical Scientists	3
MCMP 42200	Immunology	3
	FreeElective	3
Total:		16

### Summer Semester

Research or Industrial Internship (recommended)

## Third Year

### Fifth Semester

COURSE	TITLE	CREDITS
PHRM 82400	Introduction to Pathophy	3
PHRM 82800	Dosage Forms I	3
PHRM 83600	Biochemistry for Pharmaceutical Scientists II	2
	Free Elective <sup>†</sup>	3
	Humanities Selective*	3
Total:		14

### Sixth Semester

COURSE	TITLE	CREDITS
CHM 37200	Physical Chemistry	4
ENGL 42100	Technical Writing	3
PHRM 82900	Dosage Forms II	2
	Pharmacy Special Interest Selective**	3
	Free Elective <sup>†</sup>	3
Total:		16

### Summer Semester

Research or Industrial Internship (recommended)

## Fourth Year

### Seventh Semester

COURSE	TITLE	CREDITS
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### Seventh Semester

PHRM 46000	Drug Discovery and Development I	3
	Science, Technology & Society Selective*	3
	Pharmacy Special Interest Selective**	3
	Free Elective <sup>†</sup>	6
Total:		15

### Eighth Semester

COURSE	TITLE	CREDITS
MCMP 54400	Drug Classes/Mechanisms	3
PHRM 46100	Drug Discovery and Development II	3
PHRM 48500	Intercultural and Global Health Issues	2
	Behavior/Social Science Selective*	3
	Free Elective <sup>†</sup>	4
Total:		15

\*Fulfills University **Undergraduate Core Curriculum** Requirement.

\*\*Pending BSPS Curriculum Approval.

<sup>†</sup> - Free Electives can be any course at the University, as long as it is 100-level or higher.

<sup>‡</sup> - Must have a cumulative GPA of 2.5 or higher to enroll

See your advisor for recommendations based on your specific academic/career goals.