

Bachelor of Science in Pharmaceutical Sciences

General Education (Legacy) Requirements

	Requirement	Notes	Hours
	First-Year Writing Course	Take ENG 1110.xx	3
	Advanced Writing Level II	Any 2367 course; PHR 2367.01 or .02 recommended	3
	Social Science*	2 courses from 2 different categories*	6
	Arts & Humanities: Historical Study	See Course Catalog	3
	Arts & Humanities: Vis. & Perf. Arts	See Course Catalog	3
	Arts & Humanities: Literature	See Course Catalog	3
	Arts & Humanities: Culture & Ideas	See Course Catalog	3
	Global Studies	May overlap with Arts & Hum. or Social Sciences	6
	Social Diversity	May overlap with Arts & Hum. or Social Sciences	3

**Social Science categories: Organizations & Policies; Environment & Natural Resources; Individuals & Groups*

Science & Math Requirements

	Course	Title	Hours
	MATH 1151	Calculus	5
	STAT 1450, 2450 or STAT 2480	Statistics	3
	CHEM 1210	General Chemistry I	5
	CHEM 1220	General Chemistry II	5
	BIO 1113 1113.01 or 1113.02	Biological Sciences: Energy Transfer & Development	4-5
	CHEM 2510	Organic Chemistry I	4
	CHEM 2540	Organic Chemistry I Lab	2
	CHEM 2520	Organic Chemistry II	4
	PHR 3100	Human Physiology & Disease	4

BSPS Core Requirements

	Course	Title	Term	Hours
	PHR 1100	Pharmaceutical Sciences Survey	AU, SP	1
	PHR 2100	Career Development in Pharmaceutical Sciences I	AU only	0.5
	PHR 2101	Career Development in Pharmaceutical Sciences II	SP only	0.5
	PHR 2500	Drug Discovery, Development and Delivery	AU, SP, SU	3
	PHR 3500	Pharmacoethics: Dilemmas and Decision-making	AU, SP	2
	PHR 3200	Biochemistry for Pharmaceutical Sciences	AU only	5
	PHR 4000	Molecules to Medicines I	SP only	5
	PHR 4010	Molecules to Medicines II	AU only	5
	PHR 4600	Pharmaceutical Sciences Laboratory	AU, SP	3

Additional Healthcare Professions Requirements

	BSPS Electives	Complete 10 credit hours	See BSPS Approved Electives
	Choice Sciences	Complete 18 credit hours	See Healthcare Professions Choice Sciences

Sample Curriculum Plan

Autumn			Spring		
PHR 1100	Survey	1	BIO 1113.01	Biology	4
MATH 1151	Calculus	5	CHEM 1220	Gen. Chem. II	5
CHEM 1210	Gen. Chem. I	5	ENG 1110.xx	GE Writing Level 1	3
PHR 2100	Career Dev. I	0.5	PHR 2500	Drug Dis/Dev/Delivery	3
PHR	BSPS Elective	2			
13.5			15		

Autumn			Spring		
CHEM 2510	Organic Chemistry I	4	CHEM 2520	Organic Chemistry II	4
CHEM 2540	Org. Chem. I Lab	2	GE	Literature + Global Studies	3
PHR 2367.xx	Drugs / American Culture (Writing II GE)	3	GE	Social Science	3
PHR 3500	Pharmacoethics	2	PHR	BSPS Elective	3
GE	Social Science + Soc. Div.	3			
14			13		

Autumn			Spring		
PHR 3200	Biochemistry	5	PHR 4000	Molecules to Medicines	5
PHR 4600	Pharm. Sci. Lab	3		Choice Science	3
	Choice Science	4	PHR 3100	Human Physiology	4
PHR	BSPS Elective	2	GE	Hist. Studies + Global Studies	3
			PHR 2101	Career Dev. II	0.5
14			15.5		

Autumn			Spring		
PHR 4010	Molecules to Medicines II	5	GE	Cultures & Ideas	3
	Choice Science	4		Choice Science	4
GE	Vis/Art	3	PHR	BSPS Elective	3
	Choice Science	3	STAT 2480	Stats. For Life Sci.	3
15			13		

Note: MATH 1151 and CHEM 1210 enrollment may depend on Math Placement Test or incoming credit.