

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: Visual & Performing 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 & Humanities or Social Sciences	6
	Social Diversity	May overlap with Arts & Humanities or Social Sciences	3

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

Science and 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
	MICRBIO 4000 4000.01 OR 4000.02	Microbiology	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 2510 or 2511H	Introduction to Pharmacy	AU, SP SP only	2
	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 Medicine I	SP only	5
	PHR 4600	Pharmaceutical Sciences Lab	AU, SP	3

**** Must have at least 97-100 undergraduate credit hours to matriculate to PharmD. Add Free Electives if needed to reach 97 hours.**

Sample Curriculum Plan

Autumn			Spring		
PHR 1100	Survey	1	BIO 1113.01	Biology	4
MATH 1151	Calculus	5	CHEM 1220	General Chemistry II	5
CHEM 1210	General Chemistry I	5	ENG 1110.xx	GE Writing Level 1	3
PHR 3500	Pharmacoethics	2	PHR 2500	Drug Dis./Dev./Delivery	3
PHR 2100	Career Dev. I	0.5	Elective**	Free Elective	1
PHR 2510	Intro. to Pharmacy	2			
		15.5			16

Autumn			Spring		
CHEM 2510	Organic Chemistry I	4	CHEM 2520	Organic Chemistry II	4
CHEM 2540	Organic Chemistry I Lab	2	MICRBIO 4000	Microbiology	4
PHR 2367.xx	Drug Use in American Culture (Writing II GE)	3	GE	Literature + Global Studies	3
STAT 2480	Stat. for Life Sci.	3	Elective**	Free Elective	3
GE	Social Science + Soc. Div.	3	GE	Vis/Art	3
Elective**	Free Elective	2			
		17			17

Autumn			Spring		
PHR 3200	Biochemistry	5	PHR 4000	Molecules to Medicines I	5
PHR 4600	Pharm. Sci. Lab	3	PHR 3100	Human Physiology	4
GE	Social Science	3	GE	Hist. Studies + Global Studies	3
GE	Cultures & Ideas	3	Elective**	Free Elective	4
Elective**	Free elective	3			
		17			16

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

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