

Bachelor of Science in Pharmaceutical Sciences

General Education Requirements (Gen Ed New)

	Course	Requirement	Hours
	GENED 1201	GE Launch Seminar	1
	ENG 1110	Foundations: Writing & Information Literacy	3
	<i>Fulfilled by major</i>	Foundations: Mathematical & Quantitative Reasoning	4-5
	See course catalog	Foundations: Literary, Visual, & Performing Arts	3
	See course catalog	Foundations: Historical & Cultural Studies	3
	<i>Fulfilled by major</i>	Foundations: Natural Sciences	4-5
	See course catalog	Foundations: Social & Behavioral Sciences	3
	See course catalog	Foundations: Race, Ethnicity & Gender Diversity	3
	See course catalog	Themes: Citizenship for a Diverse & Just World	4-6
	See course catalog	Themes: Choice Theme	4-6
	GENED 4001	GE Reflection Seminar	1

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
	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 2367.xx	Drug Use in American Culture	AU, SP, SU	3
	PHR 3500	Pharmacoethics: Dilemmas and Decision-making	AU, SP	2
	PHR 3200	Biochemistry for Pharmaceutical Sciences	AU only	5
	PHR 4600	Pharmaceutical Sciences Lab	AU, SP	3
	PHR 4000	Molecules to Medicines I	SP only	5

**** Must have 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 WIL	3
PHR 2100	Career Dev. I	0.5	PHR 2500	Drug Dis./Dev./Delivery	3
GENED 1201	Launch Seminar	1			
PHR 2510	Intro. to Pharmacy	2			
		14.5			15

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	3	GE	REGD	3
STAT 2480	Stat. for Life Sci.	3	GE	Citizenship Theme	3
GE	Social & Behavioral Sci.	3	PHR 3500	Pharmacoethics	2
Elective**	Free Elective	2	Elective**	Free Elective	1
		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	Citizenship Theme	3	GENED 4001	GE Reflection Seminar	1
GE	Choice: Health/Wellbeing	3	GE	Choice: Health/Wellbeing	3
GE	LVPA	3	Elective**	Free Elective	2
			GE	Historical & Cultural Studies	3
		17			18

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

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