

## BSPS Approved Electives

Course	Hours	Title	Prerequisites
<b>PHR 2510</b>	2	Introduction to Pharmacy <i>(required for EAP &amp; Combined Degree)</i>	
<b>PHR 2400.01*</b>	3	Addicting Drugs: Effects, Neurobiology, and Regulation <i>(GE Themes: Health &amp; Wellbeing)</i>	
<b>PHR 2410*</b>	3	Drugstore Science <i>(GE Themes: Health &amp; Wellbeing)</i>	
<b>PHR 2420*</b>	3	Drug Culture & Genetics: Revelations from Otzi to Ozzy <i>(GE Foundations: Historical &amp; Cultural Studies)</i>	
<b>PHR 2520</b>	2	Patient Perspectives	
<b>PHR 2530*</b>	2	Introduction to Pharmaceutical Sciences Research <i>(Does <b>not</b> count for DDD Pathway Choice Sciences)</i>	
<b>PHR 3210*</b>	2	Nature's Medicine Cabinet	<u>See course catalog</u>
<b>PHR 3400*</b>	2	Therapeutic Frontiers	
<b>PHR 3420</b>	3	Generation Rx: America's Drug-Taking Culture <i>(GE Foundations: Historical &amp; Cultural Studies)</i>	
<b>PHR 3430*</b>	3	Quest for the Cure	
<b>PHR 3440</b>		Drugs that Changed the World <i>(GE Themes: Health &amp; Wellbeing)</i>	
<b>PHR 3520*</b>	2	Principles of Therapeutics	
<b>PHR 3530</b>	3	Drugs, Human Enhancement, and the Mastery of Nature <i>(GE Foundations: Historical &amp; Cultural Studies)</i>	
<b>PHR 3540</b>	3	Health Citizenship: Advocacy and Change-Making <i>(GE Themes: Citizenship for a Diverse and Just World)</i>	
<b>PHR 3708</b>	4	Vaccines: A Global History <i>(GE Themes: Health &amp; Wellbeing)</i>	
<b>PHR 4180H</b>	1	CNS Drug Discovery	PHR 2530E
<b>PHR 4210H*</b>	2	Problem-Solving in Biomedical Chemistry	PHR 3200
<b>PHR 4330*</b>	2	Basic Pharmacokinetics	MATH 1150 or equiv.
<b>PHR 4402</b>	3	Pharmacoeconomics: Measuring the Value of Pharmaceutical Interventions	
<b>PHR 4420*</b>	2	Biologics: Transforming Medicine	PHR 3200 (conc.)
<b>PHR 4430*</b>	2	GPCR Pharmacology	PHR 3200 (conc.)
<b>PHR 4440*</b>	3	Pharmacology of Neurologic and Psychiatric Disorders	NEUROSC 3000 or PHR 3200 or equiv.
<b>PHR 5410</b>	3	Vaccine Hesitancy: Towards Effective Communication	
<b>PHR 5500</b>	3	History of Pharmacy	Soph+ standing
<b>PHR 5510*</b>	3	Basics of Pharmaconutrition	
<b>PHR 5520*</b>	2	Advanced Pharmaconutrition	PHR 5510
<b>PHR 5525</b>	1	Advocacy in Pharmacy	PHR 2510 (rec.)
<b>PHR 5540*</b>	2	Topics in Clinical Pharmacy Research	PHR 4000
<b>PHR 5550</b>	2	Topics in International Pharmacy	Jr+ standing
<b>PHR 5560</b>	1.5	Success & Leadership in Pharmacy	
<b>PHR 5590</b>	3	Chemical Dependency and the Healthcare Professional	
<b>PHR 5700</b>	3	Introduction to Personalized Therapeutic and Pharmacogenomics	
<b>PHR 5798</b>	3	International Healthcare Experience in Pharmacy	By application

\* Also approved for BSPS choice science.

Students may choose to have \* courses count towards BSPS electives OR choice science.

## BSPS Approved Choice Sciences

Course	Hours	Title	Prerequisites
<b>MICRBIO 4000</b> 4000.01 or 4000.02	4	Microbiology <i>(required for EAP &amp; Combined Degree; PharmD Prerequisite)</i>	BIO 1113
<b>ANATOMY 2300</b> or 3300	4 5	Human Anatomy Advanced Human Anatomy	<u>See course catalog</u>
<b>BIO 1114.xx</b>	4	Biological Sciences: Form, Function, Diversity & Ecology	<u>See course catalog</u>
<b>CHEM 2550</b>	2	Organic Chemistry II Lab	CHEM 2520 (conc.); 2540
<b>CHEM 2210</b>	5	Analytical Chemistry I: Quantitative Analysis	<u>See course catalog</u>
<b>CHEM 3510</b>	3	Inorganic Chemistry	CHEM 2520 or equiv.
<b>CHEM 5440</b>	3	Introduction to Computational Chemistry	CHEM 2520 or equiv.
<b>MATH 1152</b>	5	Calculus II	MATH 1151 or equiv.
<b>HTHRHS 2500</b>	3	Medical Terminology for the Health Professions <i>(Does <b>not</b> count for DDD Pathway)</i>	
<b>HUMNTR 2410</b>	4	Science of Human Nutrition	
<b>HUMNTR 2310</b>	3	Fundamentals of Nutrition	<u>See course catalog</u>
<b>MICRBIO 5122</b>	3	Immunology	MICRBIO 4000 or 4110
<b>MOLGEN 4500</b>	3	General Genetics	<u>See course catalog</u>
<b>MOLGEN 4606</b>	4	Molecular Genetics	BIO 1113 or CHEM1210
<b>PSYCH 3331</b>	3	Abnormal Psychology	PSYCH 1100
<b>PSYCH 3340</b>	3	Introduction to Life Span Development Psychology	PSYCH 1100
<b>PHYSICS 1200</b> or <b>PHYSICS 1250</b>	5	Mechanics, Kinematics, Fluids, Waves Mechanics, Work & Energy, Thermal Physics	<u>See course catalog</u>
<b>PHYSICS 1201</b> or <b>PHYSICS 1251</b>	5 5	E&M, Optics, Modern Physics E&M, Waves, Optics, Modern Physics	<u>See course catalog</u>
<b>PHR Choice</b> <b>Science options +</b>	-	PHR 2400.01, 2410, 2420, 2530 (HCP), 3210, 3400, 3430, 3520, 4210H, 4330, 4420, 4430, 4440, 5510, 5520, 5540	<i>See BSPS Electives list</i>

+ For Choice Science options in PHR, view BSPS Electives. Pharmacy courses that can count towards BSPS electives OR choice sciences are noted with \*