

## 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 Electives or 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 3410</b>	1-2	Science Communication & Engagement	Jr/Sr Standing
<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>	3	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 3550</b>	3	Cosmetic Pharmaceuticals: Science and Beauty Beyond Skin Deep <i>(GE Themes: Health &amp; Wellbeing)</i>	
<b>PHR 3708</b>	4	Vaccines: A Global History <i>(GE Themes: Health &amp; Wellbeing)</i>	
<b>PHR 3710</b>	3	From Botanicals to Pharmaceuticals: The Evolution of Culture on Drug Production and Policies <i>(GE Themes: Traditions, Cultures, &amp; Transformations)</i>	
<b>PHR 4180H*</b>	1	CNS Drug Discovery	PHR 2530; Honors
<b>PHR 4210H*</b>	2	Problem-Solving in Biomedical Chemistry	PHR 3200; Honors
<b>PHR 4330*</b>	2	Basic Pharmacokinetics	MATH 1150 or equiv.
<b>PHR 4420*</b>	2	Biologics: Transforming Medicine	PHR 3200 (conc.)
<b>PHR 4430*</b>	2	GPCR Pharmacology	PHR 3200 (conc.)
<b>PHR 4390</b>	2	Community-Based Pharmacy	PHR 2510/2511H
<b>PHR 4440*</b>	3	Pharmacology of Neurologic and Psychiatric Disorders	NEUROSC 3000 or PHR 3200 or equiv.
<b>PHR 4402</b>	3	Economic Evaluation of Healthcare & Pharmaceutical Interventions	
<b>PHR 5410</b>	3	Communicating Vaccine Science	
<b>PHR 5550</b>	2	Topics in International Pharmacy	Jr/Sr Standing
<b>PHR 5560</b>	1.5	Success & Leadership in Pharmacy	
<b>PHR 5590</b>	3	Chemical Dependency and the Healthcare Professional	

\* Also approved for BSPS choice science.

Students may choose to have \* courses count towards BSPS electives OR choice science. They will not count for both.

## BSPS Approved Choice Sciences

Course	Hours	Title	Prerequisites
<b>MICRBIO 4000.01</b>	4	Microbiology <i>(required for EAP &amp; Combined Degree; PharmD Prerequisite)</i>	BIO 1113
<b>EEOB 2511 or ANATOMY 2300 or ANATOMY 3300</b>	4 4 5	Human Anatomy Human Anatomy Advanced Human Anatomy	Prerequisites vary; <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>HTHRHSC 2500</b>	3	Medical Terminology for the Health Professions <i>(Does <b>not</b> count for DDD Pathway)</i>	
<b>HUMNNTR 2410</b>	4	Science of Human Nutrition	
<b>HUMNNTR 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 or PHYSICS 1250</b>	5	Mechanics, Kinematics, Fluids, Waves Mechanics, Work & Energy, Thermal Physics	<u>See course catalog</u>
<b>PHYSICS 1201 or PHYSICS 1251</b>	5 5	E&M, Optics, Modern Physics E&M, Waves, Optics, Modern Physics	<u>See course catalog</u>
<b>PHR Choice Science options</b>	-	<i>For Choice Science options in PHR, view BSPS Electives.</i>  <i>Pharmacy courses that can count towards <u>either</u> BSPS electives <u>OR</u> choice sciences are noted with *</i>	