

BSPS Approved Electives

Course	Hours	Title	Prerequisites
PHR 2510	2	Introduction to Pharmacy <i>(required for EAP & Combined Degree)</i>	
PHR 2102	.5	Surviving to Thriving: Your Prescription for Pharmacy School Success <i>(required for Combined Degree-AU25 admit term and on)</i>	PHR 3200; Combined BSPS/PharmD student
PHR 2314*	3	Quantitative Foundations in Pharmaceutical Science	MATH 1148
PHR 2367	3	Drug Use in American Culture <i>(GE Themes: Health & Wellbeing)</i>	English 1110.xx or equivalent
PHR 2400.01*	3	Addicting Drugs: Effects, Neurobiology, and Regulation <i>(GE Themes: Health & Wellbeing)</i>	
PHR 2410*	3	Drugstore Science <i>(GE Themes: Health & Wellbeing)</i>	
PHR 2420*	3	Drug Culture & Genetics: Revelations from Otzi to Ozzy <i>(GE Foundations: Historical & Cultural Studies)</i>	
PHR 2450	3	A Tough Pill: Health Identity, Disparity, and Discrimination <i>(GE Foundations: Race, Ethnicity, & Gender Diversity)</i>	
PHR 2520	2	Patient Perspectives	
PHR 2530* PHR 2530E*	2	Introduction to Pharmaceutical Sciences Research <i>(Does not count for DDD Pathway Electives or Choice Sciences)</i>	Honors Student
PHR 3210*	2	Nature's Medicine Cabinet	<u>See course catalog</u>
PHR 3400*	2	Therapeutic Frontiers	
PHR 3410	1+	Science Communication & Engagement	<i>Instructor consent</i>
PHR 3420	3	Generation Rx: America's Drug-Taking Culture <i>(GE Foundations: Historical & Cultural Studies)</i>	
PHR 3430*	3	Quest for the Cure	
PHR 3440		Drugs that Changed the World <i>(GE Themes: Health & Wellbeing)</i>	
PHR 3520*	2	Principles of Therapeutics	
PHR 3530	3	Drugs, Human Enhancement, and the Mastery of Nature <i>(GE Foundations: Historical & Cultural Studies)</i>	
PHR 3540	3	Health Citizenship: Advocacy and Change-Making <i>(GE Themes: Citizenship for a Diverse and Just World)</i>	
PHR 3550	3	Cosmetic Pharmaceuticals: Science and Beauty Beyond Skin Deep <i>(GE Themes: Health & Wellbeing)</i>	
PHR 3708	4	Vaccines: A Global History <i>(GE Themes: Health & Wellbeing)</i>	
PHR 3710	3	From Botanicals to Pharmaceuticals: The Evolution of Culture on Drug Production & Policies <i>(GE Themes: Traditions, Cultures & Transformations)</i>	
PHR 4180H*	1	CNS Drug Discovery	PHR 2530; Honors
PHR 4210H*	2	Problem-Solving in Biomedical Chemistry	PHR 3200; Honors
PHR 4330*	2	Basic Pharmacokinetics	MATH 1150 or equiv.
PHR 4390	2	Community-Based Pharmacy	PHR 2510 or 2511H
PHR 4402	3	Economic Evaluation of Healthcare & Pharmaceutical Interventions	
PHR 4420*	2	Biologics: Transforming Medicine	PHR 3200 (conc.)
PHR 4430*	2	GPCR Pharmacology	PHR 3200 (conc.)

BSPS Approved Electives, cont.

PHR 4440*	3	Pharmacology of Neurologic and Psychiatric Disorders	NEUROSC 3000 or PHR 3200 or equiv.
PHR 4490*	3	AI/ML in Pharmaceutical Sciences	
PHR 5410	3	Vaccine Hesitancy: Towards Effective Communication	
PHR 5560	1.5	Success & Leadership in Pharmacy	
PHR 5590	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
MICRBIO 4000.01	4	Microbiology <i>(required for EAP & Combined Degree; PharmD Prerequisite)</i>	BIO 1113
EEOB 2511 or ANATOMY 2300 or ANATOMY 3300	4 4 5	Human Anatomy Human Anatomy Advanced Human Anatomy	Prerequisites vary; <u>See course catalog</u>
BIO 1114.xx	4	Biological Sciences: Form, Function, Diversity & Ecology	<u>See course catalog</u>
CHEM 2550	2	Organic Chemistry II Lab	CHEM 2520 (conc.); 2540
CHEM 2210	5	Analytical Chemistry I: Quantitative Analysis	<u>See course catalog</u>
CHEM 3510	3	Inorganic Chemistry	CHEM 2520 or equiv.
CHEM 5440	3	Introduction to Computational Chemistry	CHEM 2520 or equiv.
MATH 1152	5	Calculus II	MATH 1151 or equiv.
HTHRHS 2500	3	Medical Terminology for the Health Professions <i>(Does not count for DDD Pathway)</i>	
HUMNNTR 2410	4	Science of Human Nutrition	
HUMNNTR 2310	3	Fundamentals of Nutrition	<u>See course catalog</u>
MICRBIO 5122	3	Immunology	MICRBIO 4000 or 4110
MOLGEN 4500	3	General Genetics	<u>See course catalog</u>
MOLGEN 4606	4	Molecular Genetics	BIO 1113 or CHEM1210
PSYCH 3331	3	Abnormal Psychology	PSYCH 1100
PSYCH 3340	3	Introduction to Life Span Development Psychology	PSYCH 1100
PHYSICS 1200 or PHYSICS 1250	5	Mechanics, Kinematics, Fluids, Waves Mechanics, Work & Energy, Thermal Physics	<u>See course catalog</u>
PHYSICS 1201 or PHYSICS 1251	5 5	E&M, Optics, Modern Physics E&M, Waves, Optics, Modern Physics	<u>See course catalog</u>
PHR Choice Science options	-	<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>	