



The doctor of pharmacy curriculum at the UB SPPS is designed to prepare students to serve as contemporary, compassionate, creative, and scholarly pharmacy practitioners, educators, researchers, and leaders in the advancement of the pharmacy profession. It provides the educational foundation for an entry-level pharmacy practitioner. The curriculum consists of courses in basic biomedical sciences, clinical sciences, pharmaceutical sciences, and pharmacy practice. The coursework is integrated with progressive patient-centered practice experiences with a focus centered on educating entry-level practitioners capable of providing care. This program in pharmacy leads to licensure in any state provided that the graduate passes and obtains licensure in the state requested. Students are required to complete **eight elective credit hours** – these can be completed at any time during the P1-P3 years. For course descriptions, see: <http://pharmacy.buffalo.edu/academic-programs/pharmd/requirements/courses.html>

First Professional (P1) Year – Fall				First Professional (P1) Year – Spring			
Course#	Course Title	Course Coordinator	Credits	Course#	Course Title	Course Coordinator	Credits
PHC 501	Pharmaceutical Chemistry	Morris	3	PHC 530	Physical Pharmacy	Straubinger	3
PHC 529	Pharmaceutical Calculations	Ramanathan	3	PHM 501	Foundations of Pharmacotherapeutics 1	Wahler	2
PHM 503	Pathophysiology 1	Meaney	3	PHM 504	Pathophysiology II	Prescott, G.	3
PHM 505	Patient Assessment Lab	Prescott, W.	1	PHM 506	Patient Assessment Lab	Prescott, W.	1
PHM 515	Pharmaceutical Care 1	Daly	3	PHM 516	Self-Care Therapeutics	Slazak	2
PHM 581	IPPE-1a	Brody	1	PHM 530	Pharmacy Law	Fiebelkorn	3
PMY 511	Principles of Pharmacology 1	Berman	4	PHM 582	IPPE-1b	Brody	1
PHM 555	All School	Fiebelkorn	0	PMY 512	Principles of Pharmacology 2	Halvorsen	4
			Total:				Total:
			18 hrs.				19 hrs.

Second Professional (P2) Year – Fall				Second Professional (P2) Year – Spring			
Course#	Course Title	Course Coordinator	Credits	Course#	Course Title	Course Coordinator	Credits
PHC 531	Pharmacokinetics and Pharmacodynamics 1	Mager	3	PHC 532	Pharmacokinetics and Pharmacodynamics 2	Balthasar	3
PHM 600	US Health Care Systems	Doloresco	1	PHM 603	Immunology/Infectious Diseases Pharmacotherapeutics	Rao	3
PHM 601	Cardiovascular/Renal Pharmacotherapeutics	Norgard	3	PHM 604	Ophthalmology/Dermatology/Nutrition/GI Pharmacotherapeutics	Meaney	2
PHM 602	Endocrinology/Women's Health Pharmacotherapeutics	Albanese	2	PHM 606	Biostatistics and Drug Literature Evaluation	Reilly	3
PHM 615	Pharmaceutical Care 2	Monte	1	PHM 616	Pharmaceutical Care 3	Doloresco	1
PHM 637	Contemporary Pharmacy Management and Practice	Fiebelkorn	3	PHM 652	Professional Practice Lecture 2 Professional Practice Lab 2	Reiman	2 2
PHM 651	Professional Practice Lec 1	Reiman	2	PHM 682	IPPE-2b	Brody	1
PHM 651	Professional Practice Lab 1	Reiman	2	PHM 555	All School	Fiebelkorn	0
PHM 681	IPPE-2a	Brody	1				
PHM 555	All School	Fiebelkorn	0	Electives			2
			Total:				Total:
			18 hrs.				17-19 hrs.



Third Professional (P3) Year – Fall			
Course #	Course Title	Course Coordinator	Credits
PHC 517	Pharmacogenomics	Blanco	2
PHM 701	Neurology/Psychiatry/Substance Abuse Pharmacotherapeutics	Gengo	3
PHM 702	Pulmonary/Toxicology/Rheumatology Pharmacotherapeutics	Woodruff	3
PHM 706	Informatics and Health Information Systems	Doloresco	2
PHM 715	Pharmaceutical Care 4	Wahler	1
PHM 729	Pharmacy Ethics	Bednarczyk	2
PHM 781	IPPE-3a	Brody	3
PHM 555	All School	Fiebelkorn	0
Electives			3
Total:			16-19 hrs.
<i>Students are encouraged to take electives this semester.</i>			

Third Professional (P3) Year – Spring			
Course #	Course Title	Course Coordinator	Credits
PHM 703	Oncology/Hematology Pharmacotherapeutics	Ceacareanu	3
PHM 704	Geriatrics/Pediatrics/Critical Care Pharmacotherapeutics	Fusco	3
PHM 716	Pharmaceutical Care 5	Hempel	1
PHM 730	Topics in Pharmacy Law	Fiebelkorn	1
PHM 736	Pharmacoeconomics and Pharmacoepidemiology	Paladino	2
PHM 782	IPPE-3b	Brody	3
PHM 555	All School	Fiebelkorn	0
Electives			3
Total:			13-16 hrs.
<i>Students are encouraged to take electives this semester.</i>			

Fourth Professional (P4) Year - Advanced Pharmacy Practice Experiences			
Course #	Course Title	Course Coordinator	Credits
PHM 820	Inpatient Care	Pasko	6
PHM 823	Outpatient Care	Albanese	6
PHM 831 or	Clinical Research Elective	Tsuji/Ma/ Forrest	6
PHC 815	Pharmaceutics Research Elective	Mager/Rao/Shah	
PHM 841	Professional Practice Elective	Coe	6
PHM 850	Professional Development	Brody	1
6 Experiential Rotations. Each for 6 weeks and worth 6 hours.			
Total:			37 hrs.

NOTE: The School of Pharmacy and Pharmaceutical Sciences reserves the right to change courses as needed in order to achieve curricular outcomes in accordance with Accreditation Standards and Guidelines. Please check our website for future updates (www.pharmacy.buffalo.edu).