



## PharmD Curriculum (classes entering 2015 and earlier)

### First Professional Year

Course Number	Course Name	Credits	Prerequisites
<b>FALL P-1</b>			
PHA 3150	Pathophysiology I	2	BIO 1510 or equivalent
PSC 3110	Pharmaceutical Biochemistry	3	P1 Standing
PSC 3120	Dosage Form Design & Biopharmaceutics	4	P1 Standing
PPR 3020	Introduction to Patient Care I	2	P1 Standing
PPR 3040	Patient Care Lab I	1	P1 Standing
PHA 3030	Pharmacy Calculations and Descriptive Biostatistics	1	P1 Standing
	Semester Hours	13	
<b>WINTER P-1</b>			
PHA 3250	Pathophysiology II	3	PHA 3150
PSC 3210	Biotechnology in Therapeutics	2	PSC 3110
PPR 3120	Pharmacy Jurisprudence	2	PPR 3020; PPR 3040
PPR 3060	Introduction to Patient Care II	2	PPR 3020; PPR 3040
PPR 3070	Patient Care Lab II	1	PPR 3020; PPR 3040
PHA 3040	Medical Informatics	2	P1 Standing
	Semester Hours	12	
<b>SPRING P-1</b>			
PSC 3310	Principles of Drug Disposition	3	PHA 3150; PSC 3120; PSC 3210; PHA 3030
PPR 3130	Introductory Pharmacy Practice Experience I	1	P1 Standing
	P-1 Accumulated Credits	29	

***Bachelor of Health Sciences with a concentration in Pharmaceutical Sciences awarded for students who have completed a minimum of 120 credit hours and a minimum of 30 credit hours at WSU.***

## Second Professional Year

Course Number	Course Name	Credits	Prerequisites
<b>FALL P-2</b>			
<i>First Seven-week block</i>			
PSC 4320	Principles of Drug Action	3	P2 Standing
PHA 4010	Principles of Pharmacotherapy 1: Self Care & Alternative Health Care	2	P2 Standing
<i>Second Seven-week block</i>			
PHA 4110	Principles of Pharmacotherapy 2: Immunology, Immune disorders, hematology, fluid & electrolytes	3	P2 Standing
<i>Courses Taken for Entire Semester</i>			
PPR 4190	Health Care I: Delivery & Finance	3	PPR 3120; PPR 3060; PPR 3070
PPR 4120	Patient Care Lab III	1	PPR 3060; PPR 3070
PPR 4130 *	Introductory Pharmacy Practice Experience II	1	P2 Standing
PHA 4115	Pharmacotherapeutic Problem Solving I	2	Co-Requisites: PHA 4010; PHA 4110
	Credits for Term	15	
<b>WINTER P-2</b>			
<i>First Seven-week block</i>			
PHA 4210	Principles of Pharmacotherapy 3: Infectious Diseases & Respiratory Diseases	4	PSC 4320; PHA 4010; PHA 4110
<i>Second Seven-week block</i>			
PHA 4260	Principles of Pharmacotherapy 4: Cardiovascular Diseases	4	PSC 4320; PHA 4010; PHA 4110
<i>Courses Taken for Entire Semester</i>			
PPR 4290	Health Care II: Professional Practice & Development	2	PPR 4190; PPR 4120
PPR 4220	Patient Care Lab IV	1	PPR 4120
PPR 4230 *	Introductory Pharmacy Practice Experience III	1	P2 Standing; Co-Requisites PHA 4210 and 4260
PHA 4215	Pharmacotherapeutic Problem Solving II	2	Co-Requisites: PHA 4210; PHA 4260
	Credits for Term	14	
	Yearly Credits	29	
	Accumulated Credits for Program	58	

\* Immunization certification will be an option component of these courses in 2014-15; starting in 2015-16, immunization certification will be required.

### Third Professional Year

Course Number	Course Name	Credits	Prerequisites
<b>FALL P-3</b>			
<i>First seven-week block</i>			
PHA 5155	Principles of Pharmacotherapy 5: CNS Diseases, Mood Disorders, Substance Abuse	4	P3 Standing
<i>Second seven-week block</i>			
PHA 5165	Principles of Pharmacotherapy 6: Endocrinology, Renal, Gastrointestinal Diseases	4	P3 Standing
<i>Courses Taken for Entire Semester</i>			
PHA 5175	Pharmacotherapeutic Problem Solving III	2	Co-Requisites: PHA 5155; PHA 5165
PPR 6180	Advanced Ethics and Professional Responsibility	2	P3 Standing
PPR 5135 or PPR 5235*	Community Introductory Pharmacy Practice Experience OR Hospital Introductory Pharmacy Practice Experience	2	P3 Standing
PPR 7840 or PSC 7840	Seminar (½ Class takes in Fall, ½ in Winter Semester)	0-1	P3 Standing
	Professional Elective	2	As per <a href="#">elective policy</a>
	Credits for Term	16-17	
<b>WINTER P-3</b>			
<i>First seven-week block</i>			
PHA 5270	Principles of Pharmacotherapy 7: Toxicology, Drug- Induced Diseases, Dermatology, Oncology	4	PHA 5155; PHA 5165; PHA 6180
<i>Second seven-week block</i>			
PHA 5280	Principles of Pharmacotherapy 8: Women's and Men's Health, Age-Related Issues in Pharmacotherapy	2	PHA 5155; PHA 5165; PHA 6180
<i>Courses Taken for Entire Semester</i>			
PHA 5275	Pharmacotherapeutic Problem Solving IV	2	Co-Requisites: PHA 5270; PHA 5280
PPR 6290	Population Based Medication Management	2	PHA 5155; PHA 5165; PHA 6180
PPR 7670	Clinical Pharmacokinetics	2	PHA 5155; PHA 5165; PHA 6180
PPR 7840 or PSC 7840	Seminar (½ Class takes in Fall, ½ in Winter Semester)	0-1	P3 Standing
PPR 5135 or PPR 5235*	Community Introductory Pharmacy Practice Experience OR Hospital Introductory Pharmacy Practice Experience	2	PHA 5155; PHA 5165; PHA 6180
	Professional Elective	2	As per <a href="#">elective policy</a>
	Credits for Term	16-17	
	Yearly Credits	33	
	Accumulated Credits for Program	91	

\*PPR 5135 and PPR 5235 are offered both semesters of the P-3 year with ½ of students alternating between each course

## Fourth Professional Year

Course Number	Course Name	Credits	Prerequisites
<i>Students must complete 5 required courses and 2 elective courses over the academic year.</i>			
PPR 7410	Advanced Practice Patient Care 1 (Inpatient/Acute Care General Medicine)	4	P4 Standing
PPR 7420	Advanced Practice Patient Care Core	4	P4 Standing
PPR 7430	Ambulatory Care	4	P4 Standing
PPR 7550	Advanced Practice General Hospital	4	P4 Standing
PPR 7560	Advanced Practice General Community	4	P4 Standing
	Advanced Practice Elective (Patient Care or Non-Patient Care	4	P4 Standing
	Advanced Practice Elective (Patient Care or Non-Patient Care	4	P4 Standing
	Seminar (½ Class takes in Fall, ½ in Winter Semester)	1	P4 Standing
	Total Credits for Year	29	
	Accumulated Credits for Program	120	