

Wayne State University  
Doctor of Pharmacy Program

Curriculum and  
Course Pre-Requisites

Updated May 20, 2009

First Professional Year DOCTOR OF PHARMACY CURRICULUM

Course Number	Course Name	Credits	Instructor	Prerequisites
FALL P-1				
IHS 3100	Pathophysiology I	2	Pokorski	BIO 1510 or equiv.
PSC 3110	Pharmaceutical Biochemistry	3	Woster	P1 Standing
PSC 3120	Dosage Form Design & Biopharmaceutics	4	Oupicky	P1 Standing
PPR 3020	Introduction To Patient Care I	2	Miller	P1 Standing
PPR 3040	Patient Care Lab I	1	Miller	P1 Standing
PHA 3030	Pharmacy Calculations and Descriptive Biostatistics	1	Edwards	P1 Standing
	Semester Hours	13		
WINTER P-1				
IHS 3200	Pathophysiology II	5	Pokorski	IHS 3100
PSC 3210	Biotechnology in Therapeutics	2	Firestine	PSC 3110
PPR 3120	Pharmacy Jurisprudence	2	Vivian	PPR 3020; 3040
PPR 3060	Introduction to Patient Care II	2	Miller	PPR 3020; PPR 3040
PPR 3070	Patient Care Lab II	1	Miller	PPR 3020; PPR 3040
PHA 3040	Medical Informatics	2	Slaughter	P1 Standing
	Semester Hours	12		
SPRING P-1				
PSC 3310	Principles of Drug Disposition	3	Pokorski	IHS 3100; PSC 3120; PSC 3210; PHA 3030
PPR 3130	Introductory Pharmacy Practice Experience I	1	Smith	P1 Standing
	P-1 Accumulated Credits	29		

P1 Standing = Admission to the Doctor of Pharmacy Program.

P2 Standing = Successful completion of all P1 courses.

P3 Standing = Successful completion of all P2 courses.

P4 Standing = Successful completion of all P3 courses.

## Second Professional Year DOCTOR OF PHARMACY CURRICULUM

Course Number	Course Name	Credits	Instructor	Prerequisites
<b>FALL P-2</b>				
<i>First Seven Week Block</i>				
PSC 4320	Principles of Drug Action	3	Louis-Ferdinand,	P2 Standing
PHA 4010	Principles of Pharmacotherapy 1: Self Care & Alternative Health Care	3	Nesbitt	P2 Standing
<b>Second Seven-week Block</b>				
PHA 4110	Principles of Pharmacotherapy 2: Immunology, Immune disorders, hematology, fluid & electrolytes	4	Louis-Ferdinand	P2 Standing
<b>Courses Taken for Entire Semester</b>				
PPR 4190	Health Care I: Delivery & Finance	3	Bach	PPR 3120; PPR 3060; PPR 3070
PPR 4120	Patient Care Lab III	1	Miller	PPR 3060; PPR 3070
PPR 4130	Early Experiential	1	Smith	P2 Standing
	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	5	Cha	PSC 4320; PHA 4010; PHA 4110
<b>Second Seven-week Block</b>				
PHA 4260	Principles of Pharmacotherapy 4: Cardiovascular Diseases	5	Moser	PSC 4320; PHA 4010; PHA 4110
<b>Courses Taken for Entire Semester</b>				
PPR 4290	Health Care II: Professional Practice & Development	2	Lucarotti	PPR 4190; PPR 4120
PPR4220	Patient Care Lab IV	1	Miller	PPR 4120
PPR 4230	Early Experiential 2	1	Smith	P2 Standing; Co-Requisites PHA 4210 and PHA 4260
	Credits for Term	14		
	Yearly Credits	29		
	Accumulated Credits for Program	58		

P1 Standing = Admission to the Doctor of Pharmacy Program.

P2 Standing = Successful completion of all P1 courses.

P3 Standing = Successful completion of all P2 courses.

P4 Standing = Successful completion of all P3 courses.

### Third Professional Year DOCTOR OF PHARMACY CURRICULUM

Course Number	Course Name	Credits	Instructor	Prerequisites
<b>FALL P-3</b>				
<i>First Seven-week Block</i>				
PHA 5155	Principles of Pharmacotherapy 5: CNS Diseases, Mood Disorders, Substance Abuse	5	Pitts	P3 Standing
<i>Second Seven-week Block</i>				
PHA 5165	Principles of Pharmacotherapy 6: Endocrinology, Renal, Gastrointestinal Diseases	5	Jaber	P3 Standing
<i>Courses Taken for Entire Semester</i>				
PPR 6180	Advanced Ethics & Professional Responsibility	2	Vivian	P3 Standing
PPR 5135 / PPR 5235*	Community Introductory Pharmacy Practice Experience OR Hospital Introductory Pharmacy Practice Experience	2	Stutrud, Lucarotti	P3 Standing
PPR 7840 PSC 7840	Seminar (1/2 Class takes in Fall, 1/2 in Winter Semester; Credit Shown in Fall Semester Only)	1	Multiple	P3 Standing
-----	Professional Elective	2		As per elective policy
	Credits for Term	17		
<b>WINTER P-3</b>				
<i>First Seven-week Block</i>				
PHA 5270	Principles of Pharmacotherapy 7: Toxicology, Drug-Induced Diseases, Dermatology, Oncology	5	Abramson	PHA 5155; PHA 5165; PHA 6180
<i>Second Seven-week Block</i>				
PHA 5280	Principles of Pharmacotherapy 8: Women's & Men's Health, Age Related Issues in Pharmacotherapy, PBL Intensive	3	O'Connell	PHA 5155; PHA 5165; PHA 6180
<i>Courses Taken for Entire Semester</i>				
PPR 6290 (replaces PPR 6220)	Population-Based Medication Management	2	Davis	PHA 5155; PHA 5165; PHA 6180
PPR 7670	Clinical Pharmacokinetics	2	Edwards	PHA 5155; PHA 5165; PHA 6180
PPR 7840 PSC 7840	Seminar (1/2 Class takes in Fall, 1/2 in Winter Semester; Credit Shown in Fall Semester Only)	0	Multiple	
PPR 5135 / PPR 5235*	Community Introductory Pharmacy Practice Experience OR Hospital Introductory Pharmacy Practice Experience	2	Stutrud, Lucarotti	PHA 5155; PHA 5165; PHA 6180
-----	Professional Electives	2		As per elective
	Credits for Term	16		
	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.

P3 Standing = Successful completion of all P2 courses.

Fourth- Professional Year DOCTOR OF PHARMACY CURRICULUM

Course Number	Course Name	Credits	Instructor	Prerequisites
Students must complete 5 required courses and 2 elective courses over the academic year.				
PPR 7410	Advanced Practice Patient Care 1 (Inpatient/Acute Care General Medicine)	4	Variety	P4 Standing
PPR 7420	Advance Practice Patient Care Core	4	Variety	P4 Standing
PPR 7430	Ambulatory Care	4	Variety	P4 Standing
PPR 7550	Advanced Practice General Hospital	4	Variety	P4 Standing
PPR 7560	Advanced Practice General Community	4	Bugdalski-Stutrud	P4 Standing
	Advanced Practice Elective (Patient Care or Non-patient care)	4	Variety	P4 Standing
	Advanced Practice Elective (Patient Care or Non-Patient Care)	4	Variety	P4 Standing
-----	Seminar (1/2 Class takes in Fall, 1/2 in Winter Semester)	1	-----	P4 Standing
	Total Credits for Year <i>For students starting prior to Fall 2009, Advanced Patient Care electives are 3 credits</i>	29		
	Accumulated Credits for Program	120		

P4 Standing = Successful completion of all P3 courses.