5/4/2017 Curriculum Tracking

The University Of Toledo

Graduate Program Requirement Revision

* denotes required fields

	Person*: Mariann Churchwell Phone churchwell@utoledo	: 383-1567 (xxx - xxxx) Email:	
College	*: College Pharmacy, Pharm Sciences		
Dept/Ad	cademic Unit*: Pharmacy Practice	w .	
Program	n Name*: DPH in Pharmacy	w .	
Present		Proposed	
Minimum number of credit hours for completion(if changed) 214	:	Minimum number of credit hours for completion(if changed	():
	ee attached program omparison	List all courses which comprise the certificate or degree	Total credit hours = 198.5 nours. System would not not not not not not not not not not not
Identify delivery method (Online/in class/off campus): In class	SS	Identify delivery method (Online/in class/off campus): In class/off campus):	ass
File Type	View File	File Type	View File
PresentCourseList	View	ProposedCourseList	<u>View</u>
Proposed effective term*: 201840 (e.g. 2	01140 for 2011 Fall)	-	·

10posed effective term*. 201040 (e.g. 201140 for 20

Please refer to http://www.utoledo.edu/catalog/ for university catalog.

Comments/Notes:

The same file was uploaded into both Present and Proposed sections. It is a listed year by year comparison of all the courses starting with Pre-Professional coursework through Professional Division coursework. The Pre-Professional coursework was approved and implemented in Fall 2016 so a comparison of the previous coursework was not included. Professional Division Coursework starting with entry in the PharmD Program listed as Professional Division Year 1 (P1) through Professional Division Year 4(P4)lists the courses that are new or modified.

Students receive a Bachelor of Science in Pharmaceutical Sciences (PharmD track) at the end of the P2 year.

A course modification was not entered for the Clerkships in the P4 year since there was not a change to Clerkships. A ninth clerkship month was added based on significant assessment data from graduate exit surveys and faculty surveys which indicated that an additional experiential month would better prepare our graduates for practice.

Rationale:

5/4/2017 Curriculum Tracking

New PharmD Program was developed to meet new accreditation standards, Standards 2016, set out by the Accreditation Council for Pharmacy Education.

Of the total 198 credit hours for the program 69 are earned at the graduate level (P3 and P4 years).

Program Approval:

Date 2017/02/15 Department Curriculum Authority: Mariann D Churchwell Date 2017/02/15 Department Chairperson: Diane Cappelletty Date 2017/02/19 College Curriculum Authority or Chair: Frederick E. Williams 1111 Date 2017/02/22 College Dean: Laurie S. Mauro Date 2017/04/19 Graduate Council: Constance schall, GC mtg 4/18/17 Date 2017/05/01 Dean of Graduate Studies: Amanda C. Bryant-Friedrich 1111 Date Office of the Provost:

Administrative Use Only

print

Effective Date: (YYYY/MM/DD)

CIP Code:
Subsidy Taxonomy:
Program Code:
Instructional Level:

Registrar's Office Use Only

Processed in Banner on:

Processed in Banner by:

Banner Program Code:

Banner Term Code:

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	PRE-PROFES	SSION	AL CURR	SICUL UN	1							
Old Curricula	um - Phased Out After Spring 2017		712 OO1111		Curriculum - Implemented Fall 2016							
Jia Garrigan	Thatas out that oping 2017		Pre-Profes	ssional Year								+
					Fundamentals of Life Sci Bio Cells							\vdash
		-			Fundamentals of Life Sci. Lab	1	1					\vdash
-			CHEM		General Chemistry I							_
8			CHEM		General Chemistry Lab I	1						-
교			MATH		Calculus I (or equivalent)	4	ı					
			PHPR		Orientation	1						1
					Credit Hrs	15	5					
			CHEM	1240	General Chemistry II	4	ı					
2			CHEM		General Chemistry Lab II	1						
1 B					Statistics for Applied Science (or equiv)	3	3					
oring					Introductory Physiology	3	3					
8					ENGL 1110 or equivalent)	3	3					
			UT Core R	lequirement (JS Diversity)	3	3					
					Credit Hrs	17	'					
			Pre-Profes	ssional Year	2 (PP2)							
			CHEM	2410	Organic Chemistry I	3	3					
				2460	Organic Chemistry Lab I	1						
PP2					Introduction to Physics or equiv	4	ļ					
Fa					ENGL 1130 or equivalent)	3	3					
			UT Core R	lequirement (Social Science)	3	3					
					Credit Hrs	14	ı					
			CHEM		Organic Chemistry II	3	3					
α					Organic Chemistry Lab II	1						
<u> </u>					Social Science)	3	3					
gui-					Humanities/Fine Arts)	3	3					
ďS					Humanities/Fine Arts)	3	3					
		$\perp \!\!\!\perp \!\!\!\!\perp$	UT Core R	lequirement (Non-U.S. Culture)	3	3	_				\perp
						1	<u> </u>	-				\perp
					Credit Hrs	16	6					
												1
Total Credits Pre-Professional	Old Curriculum (without double dip)	72	Total Cred	dits Pre-Prof	essional New Curriculum (without double dip)	62	2		<u> </u>			1

		PROFESSIONAL BUI	A D M D O	UDDIO!	11 1 184		1	T	1	1	1 1	1		1	ı		1	
		PROFESSIONAL PHA	ARMD C	UKKICU	New Curriculum		CTS	Dro ros	Coron				-					
Drofossi	nal Divisio	on Year 1 (P1)	Drofood	ional Divisi	on Year 1 (P1)		CIS	Pre-req	Co-req									
		` '	MDC			,												
MBC MBC	3310 3550	Med Chem I: Drug Action and Design 2 Physiological Chem I 3	MBC	3310 3550	Med Chem I: Drug Action and Design Physiological Chem I	- 4												
PHCL	3700	Pharmacology I 3	8 PHCL	3700	Pharmacology I		1						1					-
PHPR	3130	PPT-1 (Intro to clinical, OTC pain) 2	PHPR	3000	Pharmaceutics and Dosage Form Design	F	new	none										
PHPR	3070	PPD-1 4	PHPR	3450	Pharmacy Skills Development-1		new	none										
PHPR	3260	PHCAd-1 2	PHPR	3920	IPPE-1	1		none										
PHPR	3920	IPPE-1 1	PHPR	3300	Commonly Prescribed Meds & Med Terms I	1	new											
			PHPR	3050	Interprofessional Approach to Patient Care		new	none	PHPR 3450									
		Credit Hrs 17			Credit Hrs	18												
MBC	3320	Med Chem II: Endoc/reprd'n/Cardio 2	PHPR	3310	Introduction to Pharmacy Law	1	new											
MBC	3560	Physiological Chem II 3	MBC	3552	Physiological Chem II	2	new	MBC 3550										
MBC	3800	Microbiology/Immunology 3	PHPR	3060	Introduction to Patient Care	1	new	MBC 3310, PHCL 3700	PHPR 3460									
MBC	3850	Microbiology and Immunology Lab 1	6 PHM	3100	Cardiology-I -Hypertension and Hyperlipidemia		new	MBC 3310, PHCL 3700	PHPR 3460									
► PHCL	3720	Pharmacology II: Endocrine/NSAID/diabet 2	MHP (50	3120	Diabetes/Endocrinology		new	MBC 3310, PHCL 3700	PHPR 3460									
PHPR	3140	PPT-2 Endocrine/reproduction 2	PHPR	3460	Pharmacy Skills Development-2	2	new	PHPR 3450										
PHPR	3080	PPD-2 4	PHPR	3930	IPPE-2	1		PHPR 3920	1			1	<u> </u>	<u> </u>				
PHPR	3930	IPPE-2 1	MBC	3860	Microbiology for Pharmaceutical Professionals		new	MBC3550	1				1	 				
	+	+	PHPR PHPR	3470 3250	Pharmacokinetics	3	new	none	DUDD 2460		+ + + - +	1	1	1	-			-
	+	+ +	PHPR	3250	Introduction to Self Care	1	new	PHCL 3700, PHPR 3450	PHPR 3460		+ + + - +	-	-	1		 		\vdash
	+	Credit Hrs 18		+	0	4-			1		+ + + + + + + + + + + + + + + + + + + +	1	1	1				
F ()		1 1 1	D (Credit Hrs	18	1		1				1	 				\vdash
		on Year 2 (P2)			on Year 2 (P2)													
PHCL	4700	Pharmacology III: CNS and Cardiology 2	PHM	4010	Immunology		new	MBC 3310, PHCL 3700, PHPR 3060	PHPR 4450									
PHPR	4070	PPD-3 3	PHM	4030	Infectious Diseases	4	new	MBC 3310, MBC 3860, PHCL 3700, PHPR 3060, PHPR 3470	PHPR 4450, PHPR 4470									
PHPR PHPR	4130 4160	PPT-3 (Renal, rheumatology/transplant, GI) 4 Pharmacokinetics 3	6 PHPR	4470 4450	Applied Clinical Pharmacokinetics Primer	1	new new	PHPR 3470 PHPR 3460	PHM 4030 PHPR 4220				-					
PHPR	4920	IPPE-3 1	PHPR	4920	Pharmacy Skills Development-3 IPPE-3	4	new	PHPR 3930	none									
, co		ate professional elective 3	PHPR	4220	Medication Therapy Management	-	new	none	PHPR 4450									
rtoquilou	diacigiada	ato protosticital diodavo	PHPR	4530	Evidence Based Pharmacy Practice I		new	MTH 2640	PHPR 4450		+ + + + + + + + + + + + + + + + + + + +							
-		+ + + + + + + + + + + + + + + + + + + +	PHPR	4300	Commonly Prescribed Meds & Med Term II	1	new	PHPR 3300	PHPR 4450									
			1															
		Credit Hrs 16			Credit Hrs	17												
MBC	4300	Med Chem III: Infectious Disease Chemo 2	PHM	4100	Psychiatry and Neurology		new	MBC 3310, PHCL 3700, PHPR 3060	PHPR 4460									
PHCL	4720	Pharmacology IV: Chemotherapy Agents 2	© PHM	4120	Pain and Substance Abuse		new	MBC 3310, PHCL 3700, PHPR 3060	PHPR 4460									
≥ PHPR	4330	Design and Literature Evaluation 1 2	PHM 50	4140	Hematology		new	MBC 3310, PHCL 3700, PHPR 3060	PHPR 4460									
PHPR	4080	PPD-4 3	PHM 2	4160	Pulmonary		new	MBC 3310, PHCL 3700, PHPR 3060	PHPR 4460									
ਨੇ PHPR	4140	PPT-4 (Immunology, ID) 4	PHPR	4460	Pharmacy Skills Deveopment-4	2	new	PHPR 4450, PHPR 4530	none									
PHPR	4520	PHCAd-2 2	S PHPR	4930	IPPE-4	1		PHPR 4920										
PHPR	4930	IPPE-4 1	PHPR	4270	Health Systems	1.5	new	none	none									
			PHPR	4540	Evidence Based Pharmacy Practice II	2	new	PHPR 4530	PHPR 4460									
		Credit Hrs 16			Credit Hrs	14.5							1					
Profession	onal Divisio	on Year 3 (P3)	Profess	ional Divisi	on Year 3 (P3)												<u> </u>	
₽ PHPR	6120	PPT-5 (Pulmonary, hematology) 3	020)		Institutional IPPEs													
	professiona	al elective 2, 3 or 5 cr hrs (optional to take here) 5	3 (24										1				1	
	otal to gradu		- P															
		Credit Hrs 3-8	Sun															
MBC	5300	Molecular Basis of Cancer Chemotherapy 1	PHM	6010	Cardiology-II	3	new	none	PHPR 6450			İ						
PHPR	5300	Design and Applications of Cancer Chemo 1	PHM	6030	Gastrointestinal		new	none	PHPR 6450									
PHPR	6070	PPD-5 3	PHPR	6300	Fluids Electrolytes and Kidney Disease		new	none	PHPR 6450									
PHPR	6130	PPT-6 (Cardiology, Nutrition) 4	e PHPR	6450	Pharmacy Skills Development-5	2	new	none	none									
PHPR	6160	Advanced Pharmacokinetics 3	PHPR	6920	IPPE-5	1		none	none									
PHPR	6260	PHCAd-3 1	PHPR	6220	Pharmacoeconomics and Outcomes Research		new	none	none			ļ		ļ				
PHPR	6610	Seminar I 1	PHPR	6000	Drug Information Seminar (fall or spring)	2	new	none	none				ļ	ļ				
PHPR	6340	Study Design and Literature Evaluation 2 2	<u> </u>		Professional elective	2								ļ				
PHPR	6920	IPPE-5 1		_	Professional elective	- 2	45 45		1		+	<u> </u>		<u> </u>	1			\vdash
0		Credit Hrs 17		-	Credit Hrs	17	15 or 17		1		+ + + - +	1	1	1	-			
Graduate	protessiona	al elective 2 or 3 cr hrs (optional to take here) 2-3 Credit Hrs 19-20		-		-			1		 	-	 	 	1		 	-
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MBC	6320	Neurological and Psychiatric Drugs 1 Neurological and Psychiatric Pharmacology 1	PHM PHPR	6100	Oncology Special Populations and Topics		new	none	PHPR 6460		+ + + - +	1	1	1	-			-
PHCL	6320	Neurological and Psychiatric Pharmacology 1	PHPR	6170	Special Populations and Topics	_ ;	new	none	PHPR 6460		1 1		1	1	1			

PHPR	6080	PPD-6	3	3 _	PHPR	6310	Jurisprudence and Ethics	1		none							
ლ PHPR		PPT-7 (Neuro/psych, toxiology, pediatrics)	4	4 3	PHPR	6460	Pharmacy Skills Development-6		new	PHPR 6450							
PHPR	6250	Self-care	4	4	PHPR	6270	Business Aspects of Pharmacy	2	new	PHPR 6450							
E PHPR	6280	PHCAd-4	2	2	PHPR		Advanced Self Care	3	modification	PHPR 6450							
PHPR	6310	Jurisprudence and Ethics	1	1	PHPR	6000	Drug Information Seminar (fall or spring)	2	see above	none none							
				٥	0		Professional elective	3									
		Credit Hrs	16	6			Credit Hrs	18	16 or 18								
Graduate	rofessional e	elective 2 or 3 cr hrs (optional to take here)	2-3	3													
		Credit Hrs	18-19	9													
Profess	onal Divis	sion Year 4 (P4)			Profession	nal Division	Year 4 (P4)										
PHPR	18630	Longitudinal Drug Information (Fall or Spring)	2	2 -		8940	Clerkship I	4				+	1				+
PHPR	8940	Clerkship I	4	4	PHPR		Clerkship II	4									
PHPR	8940	Clerkship II	4	4	PHPR		Clerkship III	4									
PHPR	8940	Clerkship III	4	4	PHPR	8940	Clerkship IV	4									
PHPR	8940	Clerkship IV	4	4	PHPR	8940	Clerkship V	4									
		Credit Hrs	6 or 18	8 8	uno en		Credit Hrs	20									
PHPR	8630	Longitudinal Drug Information (Fall or Spring)	2	2 6	PHPR	8940	Clerkship I	4									
₹ PHPR	8940	Clerkship I	4	4	PHPR	8940	Clerkship II	4									
PHPR	8940	Clerkship II	4	4	PHPR	8940	Clerkship III	4									
S PHPR	8940	Clerkship III	4	4 .	PHPR	8940	Clerkship IV	4									
PHPR	8940	Clerkship IV	4	4 8	Spr												
		Credit Hrs	6 or 18	В			Credit Hrs	16	i								
				+													
Total Pi	armD Pro	gram Hours			Total Ph	armD Pro	gram Hours										_
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PP				++	PP2				-		_		-	 	-		-
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Ρ.		The state of the s			P2												<u> </u>
P	41				P3	33											
P	34	1			P4	36											
Tota	214	1			Total	198.5											
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	PRE-PROFES	SSION	AL CURR	SICUL UN	1							
Old Curricula	um - Phased Out After Spring 2017		712 OO1111		Curriculum - Implemented Fall 2016							
Jia Garrigan	Thatas out that oping 2017		Pre-Profes	ssional Year								+
					Fundamentals of Life Sci Bio Cells							\vdash
		-			Fundamentals of Life Sci. Lab	1	1					\vdash
-			CHEM		General Chemistry I							_
8			CHEM		General Chemistry Lab I	1						-
교			MATH		Calculus I (or equivalent)	4	ı					
			PHPR		Orientation	1						1
					Credit Hrs	15	5					
			CHEM	1240	General Chemistry II	4	ı					
2			CHEM		General Chemistry Lab II	1						
1 B					Statistics for Applied Science (or equiv)	3	3					
oring					Introductory Physiology	3	3					
8					ENGL 1110 or equivalent)	3	3					
			UT Core R	lequirement (JS Diversity)	3	3					
					Credit Hrs	17	'					
			Pre-Profes	ssional Year	2 (PP2)							
			CHEM	2410	Organic Chemistry I	3	3					
				2460	Organic Chemistry Lab I	1						
PP2					Introduction to Physics or equiv	4	ļ					
Fa					ENGL 1130 or equivalent)	3	3					
			UT Core R	lequirement (Social Science)	3	3					
					Credit Hrs	14	ı					
			CHEM		Organic Chemistry II	3	3					
α					Organic Chemistry Lab II	1						
<u> </u>					Social Science)	3	3					
gui-					Humanities/Fine Arts)	3	3					
ďS					Humanities/Fine Arts)	3	3					
		$\perp \!\!\!\perp \!\!\!\!\perp$	UT Core R	lequirement (Non-U.S. Culture)	3	3	_				\perp
						1	<u> </u>	-				\perp
					Credit Hrs	16	6					
												1
Total Credits Pre-Professional	Old Curriculum (without double dip)	72	Total Cred	dits Pre-Prof	essional New Curriculum (without double dip)	62	2		<u> </u>			1

		PROFESSION	ΝΔΙ ΡΗΔΙ	RMD CU	RRICUI	UM											П	
		Old Curriculum	I I			New Curriculum		CTS	Pre-req	Co-req								
Profession	onal Divisio	on Year 1 (P1)		Profession	nal Divisior	1 Year 1 (P1)			·									
MBC	3310	Med Chem I: Drug Action and Design	2	MBC	3310	Med Chem I: Drug Action and Design	2	2										
MBC	3550	Physiological Chem I	3	MBC	3550	Physiological Chem I	- 3	3										
PHCL	3700	Pharmacology I	3	PHCL	3700	Pharmacology I	3	3										
PHPR	3130	PPT-1 (Intro to clinical, OTC pain)	2	PHPR	3000	Pharmaceutics and Dosage Form Design		new	none									
PHPR	3070	PPD-1	4	PHPR	3450	Pharmacy Skills Development-1	2	2 new	none									
PHPR	3260	PHCAd-1	2	PHPR	3920	IPPE-1		1	none								——	
PHPR	3920	IPPE-1	1	PHPR	3300 3050	Commonly Prescribed Meds & Med Terms I		1 new		DUDD 2450								
	-	Credit Hrs	17	PHPK	3030	Interprofessional Approach to Patient Care Credit Hrs	18	1 new	none	PHPR 3450				-				
MBC	3320	Med Chem II: Endoc/reprd'n/Cardio	2	PHPR	3310	Introduction to Pharmacy Law		1 new										
MBC	3560	Physiological Chem II	3	MBC	3552	Physiological Chem II		new	MBC 3550									
MBC	3800	Microbiology/Immunology	3	PHPR	3060	Introduction to Patient Care		1 new	MBC 3310, PHCL 3700	PHPR 3460								
MBC	3850	Microbiology and Immunology Lab	1 3	6 PHM	3100	Cardiology-I -Hypertension and Hyperlipidemia	2	2 new	MBC 3310, PHCL 3700	PHPR 3460								
PHCL	3720	Pharmacology II: Endocrine/NSAID/diabet	2	MHQ 50	3120	Diabetes/Endocrinology	3	new .	MBC 3310, PHCL 3700	PHPR 3460								
PHPR	3140	PPT-2 Endocrine/reproduction	2 2	PHPR	3460	Pharmacy Skills Development-2	2	2 new	PHPR 3450									
PHPR	3080	PPD-2	4	PHPR	3930	IPPE-2		1	PHPR 3920									
PHPR	3930	IPPE-2	1 .	MBC	3860	Microbiology for Pharmaceutical Professionals		2 new	MBC3550			1	ļ					ļ
				PHPR	3470	Pharmacokinetics		3 new	none	DUDD 0400			<u> </u>			 	—	<u> </u>
	-	1		PHPR	3250	Introduction to Self Care	_	1 new	PHCL 3700, PHPR 3450	PHPR 3460	 	1		-				ļ
	-		40		+	2					 	1	 	1			+	
		Credit Hrs	18	_	1	Credit Hrs	18	3		ļ			<u> </u>			 	—	ļ
		on Year 2 (P2)		Profession		1 Year 2 (P2)						1	ļ	1			↓	ļ
PHCL	4700	Pharmacology III: CNS and Cardiology	2	PHM	4010	Immunology		new .	MBC 3310, PHCL 3700, PHPR 3060	PHPR 4450							₩	
PHPR	4070	PPD-3	3	PHM PHPR	4030 4470	Infectious Diseases		1 new	MBC 3310, MBC 3860, PHCL 3700, PHPR 3060, PHPR 3470	PHPR 4450, PHPR 4470							—	
PHPR PHPR	4130 4160	PPT-3 (Renal, rheumatology/transplant, GI)	4 3	6 PHPR	4470	Applied Clinical Pharmacokinetics Primer Pharmacy Skills Development-3		new new	PHPR 3470 PHPR 3460	PHM 4030 PHPR 4220								
PHPR	4920	Pharmacokinetics IPPE-3	1 8	PHPR	4920	IPPE-3	-	new	PHPR 3930	none							\vdash	
.00		ate professional elective	3 8	PHPR	4220	Medication Therapy Management	- :	2 new	none	PHPR 4450							+	
rtoquirou	undergrada	ate professional elective		PHPR	4530	Evidence Based Pharmacy Practice I		3 new	MTH 2640	PHPR 4450							\vdash	
			_	PHPR	4300	Commonly Prescribed Meds & Med Term II	-	1 new	PHPR 3300	PHPR 4450							$\overline{}$	
						,												
		Credit Hrs	16			Credit Hrs	17	7										
MBC	4300	Med Chem III: Infectious Disease Chemo	2	PHM	4100	Psychiatry and Neurology	3	3 new	MBC 3310, PHCL 3700, PHPR 3060	PHPR 4460								
PHCL	4720	Pharmacology IV: Chemotherapy Agents	2 3	PHM	4120	Pain and Substance Abuse	2	2 new	MBC 3310, PHCL 3700, PHPR 3060	PHPR 4460								
PHPR	4330	Design and Literature Evaluation 1	2 8	PHM	4140	Hematology		new	MBC 3310, PHCL 3700, PHPR 3060	PHPR 4460								
PHPR	4080	PPD-4	3 8	PHM	4160	Pulmonary		new	MBC 3310, PHCL 3700, PHPR 3060	PHPR 4460								
& PHPR	4140	PPT-4 (Immunology, ID)	4 .	PHPR	4460	Pharmacy Skills Deveopment-4	2	2 new	PHPR 4450, PHPR 4530	none							↓	
PHPR	4520	PHCAd-2	2 6	PHPR	4930	IPPE-4		1	PHPR 4920									
PHPR	4930	IPPE-4	1	PHPR	4270 4540	Health Systems		new	none PHPR 4530	none								
	-	Credit Hrs	16	PHPR	4040	Evidence Based Pharmacy Practice II Credit Hrs		2 new	PHPR 4530	PHPR 4460				-				
Drofossi	nal Divisio	on Year 3 (P3)	10	Drofossia	nal Division	1 Year 3 (P3)	14.	,						-				
		. ,		6	onai Divisioi												\vdash	
PHPR	6120	PPT-5 (Pulmonary, hematology)	3	202		Institutional IPPEs												
		al elective 2, 3 or 5 cr hrs (optional to take here)	5	P3 (
(Need 5 to	otal to gradu	Credit Hrs	3-8	<u> </u>				-										
MDO	5000		3-0	ν DUM	0040	O and the large H				DUDD 0450							\vdash	
MBC	5300	Molecular Basis of Cancer Chemotherapy	1	PHM	6010	Cardiology-II		new	none	PHPR 6450								
PHPR	5300	Design and Applications of Cancer Chemo	3	PHM	6300	Gastrointestinal		2 new	none	PHPR 6450	+ + + -	+	1	-			+	
PHPR	6070 6130	PPD-5 PPT-6 (Cardiology, Nutrition)	4	PHPR	6300 6450	Fluids Electrolytes and Kidney Disease Pharmacy Skills Development-5		2 new 2 new	none none	PHPR 6450 none	+ + + - +	+	 	1			+	
PHPR	6160	Advanced Pharmacokinetics	3 5	PHPR	6920	IPPE-5	-	1	none	none	 	1					+	
PHPR	6260	PHCAd-3	1	PHPR	6220	Pharmacoeconomics and Outcomes Research		1 new	none	none							\vdash	
PHPR	6610	Seminar I	1	PHPR	6000	Drug Information Seminar (fall or spring)		2 new	none	none								
PHPR	6340	Study Design and Literature Evaluation 2	2	<u> </u>		Professional elective		2					<u> </u>					
PHPR	6920	IPPE-5	1			Professional elective	- 2	2										
		Credit Hrs	17			Credit Hrs	17	15 or 17										
Graduate	professiona	al elective 2 or 3 cr hrs (optional to take here)	2-3					ļ					ļ				<u> </u>	
	1		19-20		4							1	ļ					
MBC	6320	Neurological and Psychiatric Drugs	1	PHM	6100	Oncology		2 new	none	PHPR 6460		1	ļ	1			—	
PHCL	6320	Neurological and Psychiatric Pharmacology	1	PHPR	6170	Special Populations and Topics		3 new	none	PHPR 6460					İ			

PHPR 6000 PP0-6 Fish PP1-7 (Neuropsych, toxiology, pediatrics) A PP1-8	
PHPR 8250 Self-care 4 8 8 PHPR 8270 Business Aspects of Pharmacy 2 new PHPR 8450 PHPR 8270 PHPR 8270 Advanced Self-Care 3 modification PHPR 8450 PHPR 8270 PHPR 8270 Advanced Self-Care 3 modification PHPR 8450 PHPR 8270 PHPR	
PHPR 0.280 PHCA54 2 2 2 2 2 2 2 2 2	
PHPR 6310 Jurisprudence and Ethics 1 5 5	
Credit Hrs 16 Credit Hrs 16 Credit Hrs 18-19 Credit Hrs 18-19 Professional elective 2 or 3 or hrs (optional to take here) 2-3	
Credit Hrs 16 Credit Hrs 16 Credit Hrs 18 16 or 18 Credit Hrs Cre	
Graduate professional elective 2 or 3 or hrs (optional to take here) 2-3	
Credit Hrs 18-19	
Professional Division Year 4 (P4)	
PHPR 8630 Longitudinal Drug Information (Fall or Spring) 2 PHPR 8940 Clerkship 4 PHPR 8940 Clerkship 4 PHPR 8940 Clerkship 1 4 PHPR 8940	
PHPR 8630 Longitudinal Drug Information (Fall or Spring) 2 PHPR 8940 Clerkship 4 PHPR 8940 Clerkship 4 PHPR 8940 Clerkship 1 4 PHPR 8940	
PHPR 8940 Clerkship II 4 7 PHPR 8940 Clerkship III 4 PHPR 8940 Clerkship III 4 PHPR 8940 Clerkship IV 4 PHPR 8940 Clerkship IV 4 PHPR 8940 Clerkship IV 4 PHPR 8940 Clerkship II 4 PHPR 8940 Clerkship I	
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PHPR 8940 Clerkship IV 4	
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PHPR 8630 Longitudinal Drug Information (Fall or Spring) 2 PHPR 8940 Clerkship I 4 PHPR 8940 Clerkship I 4 PHPR 8940 Clerkship II 4	
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PHPR 8940 Clerkship II 4 5 PHPR 8940 Clerkship III 4 5 PHPR 8940 Clerkship III 4 5 PHPR 8940 Clerkship IV 5 PHPR 8940 Cle	
PHPR 8940 Clerkship III 4 PHPR 8940 Clerkship IV 4	
PHPR 8940 Clerkship IV 4 5	
Credit Hrs 16 or 18 Credit Hrs 16	
Total PharmD Program Hours Total PharmD Program Hours	
PP1 34 PP1 32	
PP2 38 PP2 30	+
P1 35 OLD CURRICULUM P1 36 NEW CURRICULUM	+-+
P2 32 139 for BSPS degree without double dip P2 31,5 129.5 for BSPS degree without double dip	+
	+-+
P3 41 P3 33	+
P4 34 P4 36	
Tatal Odd	
Total 214 Total 198.5	
10tal 214 10tal 195.5	