Doctor of Pharmacy Curriculum Sequence

First Year - Fall Semester				
Course N	lumber	Course Description	Hours	
PHRD 400	01 Pe	rsonal Growth and Development I	1	
PHRD 400		inciples of Drug Action I	4	
PHRD 400		armaceutical Calculations	2 3 1 3 1	
PHRD 400		armaceutics I	3	
PHRD 401		troduction to Pharmacy	1	
PHRD 401		thophysiology I	3	
PHRD 402		tegrated Lab Sequence I	1	
PHRD 403	-	rug Information Retrieval	3	
	То	otal	18	
		First Year - Spring Semester		
PHRD 402	21 Pe	ersonal Growth and Development II	1	
PHRD 402		inciples of Drug Action II	2	
PHRD 402		armaceutics II	3	
PHRD 403		armacy Practice Ethics and Law I	2 3 2 3 1	
PHRD 403		thophysiology II	3	
PHRD 404		tegrated Lab Sequence II	1	
PHRD 407		elf-Care/Patient Assessment I	4	
· · · · ·		otal	16	
		First Year - Summer		
PHRD 405	50 Co	ommunity Introductory Pharmacy Practice Experience	4	
		otal	4	
		Second Year - Fall Semester		
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	01 Pe		1	
PHRD 410 PHRD 405		ersonal Growth and Development III	1 3	
PHRD 405	52 Re	ersonal Growth and Development III esearch Methods and Literature Evaluation	1 3 3	
PHRD 405 PHRD 405	52 Re 56 Bio	ersonal Growth and Development III esearch Methods and Literature Evaluation opharmaceutics and Pharmacokinetics	1 3 3 6	
PHRD 405 PHRD 405 PHRD 406	52 Re 56 Bio 54 Th	ersonal Growth and Development III esearch Methods and Literature Evaluation opharmaceutics and Pharmacokinetics herapeutics I (Cardiovascular)	1 3 6 1	
PHRD 405 PHRD 405 PHRD 406 PHRD 407	52 Re 56 Bio 54 Th 70 Int	ersonal Growth and Development III esearch Methods and Literature Evaluation opharmaceutics and Pharmacokinetics herapeutics I (Cardiovascular) tegrated Lab Sequence III	1 3 6 1 3	
PHRD 405 PHRD 405 PHRD 406	52 Re 56 Bio 54 Th 70 Int 72 Th	ersonal Growth and Development III esearch Methods and Literature Evaluation opharmaceutics and Pharmacokinetics herapeutics I (Cardiovascular) tegrated Lab Sequence III herapeutics II (Endocrine)	3	
PHRD 405 PHRD 405 PHRD 406 PHRD 407	52 Re 56 Bio 54 Th 70 Int 72 Th Ele	ersonal Growth and Development III esearch Methods and Literature Evaluation opharmaceutics and Pharmacokinetics herapeutics I (Cardiovascular) tegrated Lab Sequence III herapeutics II (Endocrine) ectives	3 2/3*	
PHRD 405 PHRD 405 PHRD 406 PHRD 407	52 Re 56 Bio 54 Th 70 Int 72 Th Ele To	ersonal Growth and Development III esearch Methods and Literature Evaluation opharmaceutics and Pharmacokinetics herapeutics I (Cardiovascular) tegrated Lab Sequence III herapeutics II (Endocrine) ectives	3	
PHRD 405 PHRD 405 PHRD 406 PHRD 407 PHRD 407	52 Re 56 Bio 54 Th 70 Int 72 Th Ele To	ersonal Growth and Development III esearch Methods and Literature Evaluation opharmaceutics and Pharmacokinetics herapeutics I (Cardiovascular) tegrated Lab Sequence III herapeutics II (Endocrine) ectives otal Second Year - Spring Semester	3 2/3* 19/20	
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PHRD 405 PHRD 405 PHRD 407 PHRD 407 PHRD 407 PHRD 407	52 Re 56 Bio 54 Th 70 Int 72 Th Ele To 21 Pe 47 Pa	ersonal Growth and Development III esearch Methods and Literature Evaluation opharmaceutics and Pharmacokinetics herapeutics I (Cardiovascular) tegrated Lab Sequence III herapeutics II (Endocrine) ectives otal Second Year - Spring Semester ersonal Growth and Development IV irrenterals	3 2/3* 19/20 1 1	
PHRD 405 PHRD 405 PHRD 407 PHRD 407 PHRD 407 PHRD 407 PHRD 404 PHRD 404 PHRD 407	52 Re 56 Bio 54 Th 70 Int 72 Th Ele To 21 Pe 47 Pa 77 He	ersonal Growth and Development III esearch Methods and Literature Evaluation opharmaceutics and Pharmacokinetics herapeutics I (Cardiovascular) tegrated Lab Sequence III herapeutics II (Endocrine) ectives otal Second Year - Spring Semester ersonal Growth and Development IV hrenterals ealth Care Systems	3 2/3* 19/20 1 1	
PHRD 405 PHRD 405 PHRD 406 PHRD 407 PHRD 407 PHRD 407 PHRD 404 PHRD 407 PHRD 408	52 Re 56 Bio 54 Th 70 Int 72 Th Ele To 21 Pe 47 Pa 85 Th	ersonal Growth and Development III esearch Methods and Literature Evaluation opharmaceutics and Pharmacokinetics herapeutics I (Cardiovascular) tegrated Lab Sequence III herapeutics II (Endocrine) ectives otal Second Year - Spring Semester ersonal Growth and Development IV herenterals ealth Care Systems herapeutics III (Infectious Disease)	3 2/3* 19/20 1 1	
PHRD 405 PHRD 407 PHRD 407 PHRD 407 PHRD 407 PHRD 407 PHRD 407 PHRD 404 PHRD 407 PHRD 408 PHRD 500	52 Re 56 Bio 54 Th 70 Int 72 Th Ele To 72 Pe 47 Pe 47 Pa 77 He 35 Th 08 Se	ersonal Growth and Development III esearch Methods and Literature Evaluation opharmaceutics and Pharmacokinetics herapeutics I (Cardiovascular) tegrated Lab Sequence III herapeutics II (Endocrine) ectives otal Second Year - Spring Semester ersonal Growth and Development IV hrenterals ealth Care Systems herapeutics III (Infectious Disease) elf Care/Patient Assessment II Module	3 2/3* 19/20 1 1	
PHRD 405 PHRD 407 PHRD 407 PHRD 407 PHRD 407 PHRD 407 PHRD 407 PHRD 404 PHRD 404 PHRD 408 PHRD 500 PHRD 409	52 Re 56 Bio 54 Th 70 Int 72 Th 21 Pe 47 Pa 47 Pa 35 Th 35 Th 35 Se 93 Th	ersonal Growth and Development III esearch Methods and Literature Evaluation opharmaceutics and Pharmacokinetics herapeutics I (Cardiovascular) tegrated Lab Sequence III herapeutics II (Endocrine) ectives otal Second Year - Spring Semester ersonal Growth and Development IV irrenterals ealth Care Systems herapeutics III (Infectious Disease) elf Care/Patient Assessment II Module herapeutics IV (Renal/Urology)	3 2/3* 19/20 1 1	
PHRD 405 PHRD 407 PHRD 407 PHRD 407 PHRD 407 PHRD 407 PHRD 407 PHRD 404 PHRD 407 PHRD 408 PHRD 500	52 Re 56 Bio 54 Th 70 Int 72 Th 72 Th 86 To 77 He 35 Th 35 Th 35 Se 33 Th 39 Int	ersonal Growth and Development III esearch Methods and Literature Evaluation opharmaceutics and Pharmacokinetics herapeutics I (Cardiovascular) tegrated Lab Sequence III herapeutics II (Endocrine) ectives otal Second Year - Spring Semester ersonal Growth and Development IV hrenterals ealth Care Systems herapeutics III (Infectious Disease) elf Care/Patient Assessment II Module herapeutics IV (Renal/Urology) tegrated Lab Sequence IV	3 2/3* 19/20 1 1 3 6 2 2 2 1	
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PHRD 405 PHRD 407 PHRD 407 PHRD 407 PHRD 407 PHRD 407 PHRD 407 PHRD 404 PHRD 404 PHRD 408 PHRD 500 PHRD 409	52 Re 56 Bio 54 Th 70 Int 72 Th 72 Th 81 72 Pa 77 He 85 Th 98 Se 93 Th 99 Int 85	ersonal Growth and Development III esearch Methods and Literature Evaluation opharmaceutics and Pharmacokinetics herapeutics I (Cardiovascular) tegrated Lab Sequence III herapeutics II (Endocrine) ectives otal Second Year - Spring Semester ersonal Growth and Development IV herenterals ealth Care Systems herapeutics III (Infectious Disease) elf Care/Patient Assessment II Module herapeutics IV (Renal/Urology) tegrated Lab Sequence IV ectives	3 2/3* 19/20 1 1 3 6 2 2 2 1 2/3*	
PHRD 405 PHRD 407 PHRD 407 PHRD 407 PHRD 407 PHRD 407 PHRD 407 PHRD 404 PHRD 404 PHRD 408 PHRD 500 PHRD 409	52 Re 56 Bio 54 Th 70 Int 72 Th 72 Th 86 To 72 Pe 47 Pe 47 Pa 47	ersonal Growth and Development III esearch Methods and Literature Evaluation opharmaceutics and Pharmacokinetics herapeutics I (Cardiovascular) tegrated Lab Sequence III herapeutics II (Endocrine) ectives otal Second Year - Spring Semester ersonal Growth and Development IV irrenterals ealth Care Systems herapeutics III (Infectious Disease) elf Care/Patient Assessment II Module herapeutics IV (Renal/Urology) tegrated Lab Sequence IV ectives otal Second Year - Summer	3 2/3* 19/20 1 1 3 6 2 2 1 2/3*	
PHRD 405 PHRD 405 PHRD 407 PHRD 407 PHRD 407 PHRD 407 PHRD 404 PHRD 407 PHRD 408 PHRD 408 PHRD 500 PHRD 409 PHRD 409	52 Re 56 Bio 54 Th 70 Int 72 Th 72 Th 86 To 77 He 35 Th 98 Se 93 Th 99 Int 85 T o 108 S e 93 Th 99 Int	ersonal Growth and Development III esearch Methods and Literature Evaluation opharmaceutics and Pharmacokinetics herapeutics I (Cardiovascular) tegrated Lab Sequence III herapeutics II (Endocrine) ectives otal Second Year - Spring Semester ersonal Growth and Development IV hrenterals ealth Care Systems herapeutics III (Infectious Disease) elf Care/Patient Assessment II Module herapeutics IV (Renal/Urology) tegrated Lab Sequence IV ectives otal	3 2/3* 19/20 1 1 3 6 2 2 2 1 2/3* 18/19	

	Third Year - Fall Semester	
PHRD 5001	Personal Growth and Development V	1
PHRD 5006	Professional Pharmacy Management	3 5
PHRD 5014	Therapeutics V (Neurology/Psychiatry)	5
PHRD 5020	Integrated Lab Sequence V	1
PHRD 5022	Therapeutics VI (GI/Nutrition/Hepatic/Respiratory)	4
PHRD 5025	Pharmacoeconomics and Outcomes	2 3
	Electives	
	Total	19
	Third Year - Spring Semester	
PHRD 5021	Personal Growth and Development VI	1
PHRD 5002	Pharmacy Practice Ethics and Law II	2
PHRD 5012	Pharmacy Communications	2 2
PHRD 5026	Clinical Informatics and Medication Safety	2
	Therapeutics VII (Bone &	
PHRD 5039	Joint/Dermatology/Eyes/Special Populations)	4
PHRD 5047	Therapeutics VIII (Hematology/Oncology)	3
PHRD 5049	Integrated Lab Sequence VI	1
	Electives	2
	Total	15
	Fourth Year	
PHRD 6000	Advanced Community Pharmacy Practice Experience	6
PHRD 6001	Review of Integrated Pharmacotherapy	1
PHRD 6002	Advanced Institutional Pharmacy Practice Experience	6
PHRD 6004	Advanced Ambulatory Care Pharmacy Practice Experience	6
PHRD 6006	Advanced Adult Medicine Pharmacy Practice Experience	6
PHRD 6008	Advanced Specialty Pharmacy Practice Experience	6
PHRD 6010	Advanced Pharmacy Practice Elective Experience I	6
PHRD 6012	Advanced Pharmacy Practice Elective Experience II	6
	Total	43
	Total Professional Hours	159
	Total for Degree (including Pre-Pharmacy)	234