

Cover Sheet: Request 13079

Modification of the Doctor of Pharmacy Curriculum

Info

Process	Major Curriculum Modify Ugrad/Pro
Status	Pending at PV - University Curriculum Committee (UCC)
Submitter	Karen Whalen whalen@cop.ufl.edu
Created	9/21/2018 1:06:14 PM
Updated	9/27/2018 12:21:36 PM
Description of request	A singular change to the Doctor of Pharmacy curriculum is proposed. This change involves shifting the one-credit APPE Readiness course (PHA 5759) from the summer semester of the third professional year of the Pharm.D. program to the spring semester of the third professional year. Assessment of readiness to enter the clinical training environment is a requirement of the Doctor of Pharmacy accreditation standards. Movement of the APPE readiness course to the spring semester will allow the College to more fully meet the intent of this accreditation standard and will allow the faculty to better utilize individual student performance in the course when making decisions regarding readiness to enter clinical rotations.

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	COP - Interdisciplinary Studies	Karen Whalen		9/21/2018
UF PharmD Curriculum - Proposed Change in Spring 2019 with changes in red.pdf PharmD Curriculum - Effective Fall 2018.pdf					9/21/2018 9/21/2018
College	Approved	COP - College of Pharmacy	Diane Beck		9/21/2018
No document changes					
Associate Provost for Undergraduate Affairs	Approved	PV - Associate Provost for Undergraduate Affairs	Angela Lindner		9/27/2018
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			9/27/2018
No document changes					
Office of the Registrar					
No document changes					
Student Academic Support System					
No document changes					
Catalog					
No document changes					
Academic Assessment Committee Notified					
No document changes					
College Notified					
No document changes					

Major|Modify_Curriculum for request 13079

Info

Request: Modification of the Doctor of Pharmacy Curriculum

Description of request: A singular change to the Doctor of Pharmacy curriculum is proposed. This change involves shifting the one-credit APPE Readiness course (PHA 5759) from the summer semester of the third professional year of the Pharm.D. program to the spring semester of the third professional year. Assessment of readiness to enter the clinical training environment is a requirement of the Doctor of Pharmacy accreditation standards. Movement of the APPE readiness course to the spring semester will allow the College to more fully meet the intent of this accreditation standard and will allow the faculty to better utilize individual student performance in the course when making decisions regarding readiness to enter clinical rotations.

Submitter: Karen Whalen whalen@cop.ufl.edu

Created: 9/21/2018 12:13:55 PM

Form version: 1

Responses

Major Name

Enter the name of the major. Example: "Mathematical Modeling"

Response:

Doctor of Pharmacy (Pharm.D.)

Major Code

Enter the two-letter or three-letter major code.

Response:

PHA

Degree Program Name

Enter the name of the degree program in which the major is offered.

Response:

Doctor of Pharmacy (Pharm.D.)

Undergraduate Innovation Academy Program

Is this an undergraduate program in the Innovation Academy?

Response:

No

Effective Term

Enter the term (semester and year) that the curriculum change would be effective.

Response:

Spring

Effective Year

Response:
2019

Current Curriculum for Major

Response:
The current curriculum for the Doctor of Pharmacy degree program is a four-year, 146 credit block-style curriculum. The curriculum is delivered using the flipped classroom and blended learning, and courses integrate the basic, social and clinical sciences. During the four years, students complete 51 credits of experiential learning in various pharmacy practice settings (see document attached).

Proposed Curriculum Changes

Describe the proposed changes to the curriculum. If the change is to offer the program through UF Online, please explain and attach a letter of support from the Director of UF Online.

Response:
A singular change to the Doctor of Pharmacy curriculum is proposed. This change involves shifting the one-credit APPE Readiness course (PHA 5759) from the summer semester of the third professional year of the Pharm.D. program to the spring of the third professional year. PHA 5759 is a week-long course, and movement of this course into the spring semester will make the two-week elective block at the end of the spring semester occur one week later. As a result, the 2-week elective block for students in the second professional year of the Pharm.D. curriculum will be scheduled one week later to accommodate the administration of common electives offered to both the second- and third-year pharmacy students. This change has been approved by the College of Pharmacy Curriculum Committee.

Pedagogical Rationale/Justification

Describe the rationale for the proposed changes to the curriculum.

Response:
The intent of the APPE Readiness (PHA 5759) course is to ensure that students are ready to enter the clinical practice rotations (known as advanced pharmacy practice experiences or APPEs) that occur during the fourth year of the Doctor of Pharmacy curriculum. [Note: Assessment of readiness to enter APPEs is a requirement for accreditation set forth by the Accreditation Council for Pharmacy Education (ACPE).] The APPE Readiness course was piloted in Spring 2018, and it was offered during the first week of the summer semester, immediately before pharmacy students started their clinical rotations. Movement of the course into the spring semester allows the faculty more time to provide students with formative feedback on areas for growth that need to occur before entering the patient care environment. It also provides the opportunity for remediation of key clinical skills before entering the patient care environment, should that be needed.

Impact on Enrollment, Retention, Graduation

Describe any potential impact of the curriculum changes on students who are currently in the major.

Response:
There is no expected impact on students who are currently enrolled in the major. The change will not delay the start of clinical rotations or the expected graduation date.

Assessment Data Review

Describe the Student Learning Outcome and/or program goal data that was reviewed to support the proposed changes.

Response:

As stated above, assessment of readiness to enter the clinical training environment is required for the Doctor of Pharmacy program to meet ACPE accreditation standards. Moving the APPE Readiness course earlier in the spring semester allows the College to more fully meet the intent of the standard and to better utilize individual student performance in the course to inform decisions on readiness to enter the clinical training environment. In addition, student evaluations from the initial offering of the course in Summer 2018 were very positive; however, the evaluations indicated that the students would prefer the course earlier in the spring semester so that they would have time to address any potential deficits before starting clinical rotations.

Academic Learning Compact and Academic Assessment Plan

Describe the modifications to the Academic Learning Compact (for undergraduate programs) and Academic Assessment Plan that result from the proposed change.

Response:

No modifications to the academic assessment plan will result from the proposed change.

UF COP PharmD Curriculum –First Year (1PD) – Effective Fall 2018

		Block 1					Block 2							Block 3					Block 4														
Aug		Sept				Oct				Nov				Dec			Jan				Feb			March				April			May		
1 2		3 4 5 6				7 8 9 10				11 12 13 14				15 16 17			1 2 3 4				5 6 7 8			9 10 11 12 13				14 15 16 17			18		
ORIENTATION	Principles of Patient Centered Care PHA 5103 2 Cr Hr					Pathophysiology & Patient Assessment I PHA 5560 3 Cr Hr										Personal Development Semester Break	Pathophysiology & Patient Assessment II PHA 5561 3 Cr Hr					Spring Break	Patient Care 1: PHA 5781 3 Cr Hr										Capstone Assessment Community IPPE (PHA 5941) 4 Cr hr / Remediation/Summer Break
	Pharmacy & Population Health PHA 5007 2 Cr Hr					Principles of Medicinal Chemistry and Pharmacology I PHA 5439 3 Cr Hr											Principles of Medicinal Chemistry and Pharmacology II PHA 5515 1 Cr Hr						Principles of Evidence - Based Practice PHA 5244 3 Cr Hr										
	Principles of Systems-Based Practice PHA 5727 1 Cr Hr					Drug Delivery Systems PHA 5176 4 Cr Hr											Principles of Drug Therapy Individualization I PHA 5132 4 Cr Hr						Principles of Drug Therapy Individualization I (Continuation of PHA 5132)										
	Personal & Professional Development I (See below) Continues across Blocks 1 and 2 – includes Interprofessional Education – (IPE)																						(Principles of Law & Ethics) PHA 5703 1 Cr Hr										
																							Milestone 1										
						Personal & Professional Development I (PHA 5021C) 0.5 Cr Hr – Includes Interprofessional Education (IPE)																	Personal & Professional Development II (PHA 5022C) 0.5 Cr Hr - includes Includes Interprofessional Education (IPE)										
					Professional Practice Skills I PHA 5161L 1 Cr Hr: Patient interviewing, communications, patient assessment, compounding.															Professional Practice Skills II PHA 5162L 1 Cr Hr: Patient assessment, compounding, communications (continues), Drug Information, literature evaluation, patient self-care, dispensing, patient safety.													

New UF COP PharmD Curriculum –Second Year (2PD)

Block 5							B6	Block 7							B8	Block 10							Block 11							Block 12																																														
Aug			Sept				Oct				Nov			Jan			Feb				March				April			May																																																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	17	18	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18																																										
Principles of Medical Microbiology, Immunology, & Virology PHA 5755 2 Cr Hr Introduction to Infectious Disease and Heme/Onc PHA 5782C 4 Cr Hr Introductory course in which students will apply the principles of pathophysiology, medicinal chemistry, pharmacology, pharmacotherapy, patient assessment, clinical pharmacokinetics related to the treatment or management of infectious diseases or hematologic or oncologic disorders. These topics will be covered further in subsequent modules.							Patient Care 2: 1 Cr Hr Introduction to Infectious Disease and Heme/Onc PHA 5782C 4 Cr Hr Introductory course in which students will apply the principles of pathophysiology, medicinal chemistry, pharmacology, pharmacotherapy, patient assessment, clinical pharmacokinetics related to the treatment or management of infectious diseases or hematologic or oncologic disorders. These topics will be covered further in subsequent modules.							Patient Care 3: Cardiovascular/ Pulmonary PHA 5878C 6 Cr Hr Students will apply the principles of pathophysiology, medicinal chemistry, pharmacology, pharmacotherapy, patient assessment, clinical pharmacokinetics, social and behavioral aspects of medical management, and self-care support related to the treatment of cardiovascular and pulmonary disorders.							Elective #1 (2 Cr Hr)							Personal Development							Semester Break							Patient Care 4: GI/Renal PHA 5784C 6 Cr Hr Students will apply the principles of pathophysiology, medicinal chemistry, pharmacology, pharmacotherapy, patient assessment, clinical pharmacokinetics, social and behavioral aspects of medical management, and self-care support related to the treatment of gastrointestinal and renal disorders.							Spring Break							Patient Care 5: Endocrinology and reproductive PHA 5787C 6 Cr Hr Students will apply the principles of pathophysiology, medicinal chemistry, pharmacology, pharmacotherapy, patient assessment, clinical pharmacokinetics, social and behavioral aspects of medical management, and self-care support related to the treatment of disorders of the endocrine and reproductive systems.							Elective #2 (2 Cr Hr)							Capstone Assessment						
Professional Practice Skills III PHA 5163L 1 Cr Hr: Horizontal & Vertical Integration of Skills and Individual Student Assessment																		Professional Practice Skills IV PHA 5164L 1 Cr Hr: Horizontal & Vertical Integration of Skills and Individual Student Assessment																																																										
Personal and Professional Development PHA 5023C (0.5 Cr Hr)																		Personal and Professional Development PHA 5024C (0.5 Cr Hr)																																																										
Interprofessional Education – Ongoing activities– grading linked to Personal & Prof Development course																		Interprofessional Education – Ongoing																																																										
Institutional IPPE PHA 5942 – 4 Cr hr /Remediation/Summer Break																		Institutional IPPE PHA 5942 – 4 Cr hr /Remediation/Summer Break																																																										
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UF COP PharmD Curriculum –Third Year (3PD) - Effective Fall 2018

Block 13											Block 14				Block 15			Block 16								Block 17					Block 18					
Aug			Sept				Oct				Nov				Dec				Jan				Feb				March					April			May	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
Practice Management PHA 5222 2 Cr Hr	Patient Safety & Quality PHA 5226C 2 Cr Hr										Patient Care 6:				Elective #3 (2 Cr Hr)	Personal Development	Semester Break	Patient Care 7:								Spring Break	Patient Care 8:					Elective #4 (2 Cr Hr)	PHA 5759 APPE Readiness – 1 Cr Hr (Summer Course)	APPEs & PPD VII (Summer – see next page)		
	Pharmacoepidemiology and Drug Safety PHA 5223 2 Cr Hr										Skin and Musculo-skeletal PHA 5788C 3 Cr Hr							Brain and Behavior PHA 5789C 6 Cr Hr									Complex Cases PHA 5786C 4 Cr Hr									
Pharmaceutical Law & Ethics PHA 5239 2 Cr Hr											Students will apply the principles of pathophysiology, medicinal chemistry, pharmacology, pharmacotherapy, patient assessment, clinical pharmacokinetics, social and behavioral aspects of medical management, and self-care support related to the treatment of skin and musculoskeletal disorders.				Students will apply the principles of pathophysiology, medicinal chemistry, pharmacology, pharmacotherapy, patient assessment, clinical pharmacokinetics, social and behavioral aspects of medical management, and self-care support related to the management and treatment of neurological and psychiatric disorders.								This is a case-based capstone course that builds on the preceding <i>Patient Care</i> courses. The course will utilize comprehensive clinical cases of increased rigor and complexity that incorporate material from previous modules. The cases will also address treatment challenges in special populations and different health systems.					Milestone 3 – Part 1		Milestone 3 – Part 2						
This course will examine the federal and Florida state laws that impact the practice of pharmacy. Emphasis is on the legal principles applied by pharmacists in their daily decision-making.																																				
Professional Practice Skills V (1 Cr Hr): PHA 5165L Traditional Skills Lab & OSCEs OSCEs will be scheduled according to availability of Harrell Center (Assess "Practice Ready" in Nov-Dec)															Professional Practice Skills VI (1 Cr Hr): PHA 5166L (1 Cr Hr) Traditional Skills Lab Students who did not pass "Practice Ready" OSCE will be re-tested.																					
Personal and Professional Development V (0.5 Cr Hr) PHA 5025C															Personal and Professional Development VI (0.5 Cr Hr) PHA 5026C																					
Interprofessional Education – Ongoing activities– grading linked to Personal & Prof Development course															Interprofessional Education – Ongoing																					

UF COP PharmD Curriculum –Summer of 3PD and Fall/Spg of Fourth Year (4PD) - Effective Fall 2018

May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May
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Advanced Pharmacy Practice Experiences (APPEs) - 42 Weeks

Personal & Professional Development VII –
PHA 5027C (0 Cr Hr)

Personal & Professional Development VIII –
PHA 5028C (0 Cr Hr)

Personal & Professional Development IX –
PHA 5029C (1 Cr Hr)

7 APPEs – Each 6 Weeks:

PHA 5761 General Medicine APPE

PHA 5762 Hospital Practice: APPE

PHA 5763 Ambulatory Care: APPE

PHA 5764 Community APPE

PHA 5765 Patient Care 1: APPE

PHA 5766 Patient Care 2: APPE

PHA 5767 Non Patient Care or Pt Care Elective: APPE

Summary of Credit Hours

Milestone 4: OSCE

Milestone 4: Other

Year	Fall	Spring	Summer (Experiential)	Total
1PD	16.5	16.5	4	37
2PD	16.5	16.5	4	37
3PD	14.5	13.5	13	41
4PD	18	13		31
				146

UF COP PharmD Curriculum – First Year (1PD)

	Block 1						Block 2							Block 3						Block 4														
Aug	Sept					Oct				Nov				Dec			Jan			Feb			March				April			May				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
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UF COP PharmD Curriculum – Third Year (3PD)

Block 13											Block 14				Block 15		Block 16								Block 17						Block 18																			
Aug			Sept				Oct				Nov				Dec				Jan				Feb				March						April				May													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18															
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UF COP PharmD Curriculum –Summer of 3PD and Fall/Spring of Fourth Year (4PD)

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