

Cover Sheet: Request 12354

Modification of the Doctor of Pharmacy (Pharm.D.) Curriculum

Info

Process	Major Curriculum Modify Ugrad/Pro
Status	Pending at PV - University Curriculum Committee (UCC)
Submitter	Diane Beck beck@cop.ufl.edu
Created	2/23/2018 2:04:21 AM
Updated	2/26/2018 4:10:00 PM
Description of request	<p>Modifications to the Doctor of Pharmacy Curriculum are proposed based on faculty and students experiences with the new curriculum for the last 3 years and evaluation data from students.</p> <p>These changes have been approved by the College of Pharmacy faculty.</p> <p>The modified curriculum will be effective for the Class of 2022 that will enter in Fall 2018.</p>

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	COP - Interdisciplinary Studies	Karen Whalen		2/23/2018
PharmD Curriculum - Effective Fall 2018.pdf					2/23/2018
2015 PharmD Curriculum - Approved by UCC in Jan-Feb 2015.pdf					2/23/2018
College	Approved	COP - College of Pharmacy	Diane Beck		2/23/2018
No document changes					
Associate Provost for Undergraduate Affairs	Approved	PV - Associate Provost for Undergraduate Affairs	Angela Lindner		2/26/2018
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			2/26/2018
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 12354

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Description of request: Modifications to the Doctor of Pharmacy Curriculum are proposed based on faculty and students experiences with the new curriculum for the last 3 years and evaluation data from students.

These changes have been approved by the College of Pharmacy faculty.

The modified curriculum will be effective for the Class of 2022 that will enter in Fall 2018.

Submitter: Diane Beck beck@cop.ufl.edu

Created: 2/23/2018 9:55:02 AM

Form version: 3

Responses

Major Name Doctor of Pharmacy (Pharm.D.)

Major Code PHA

Degree Program Name Doctor of Pharmacy (Pharm.D.)

Effective Term Fall

Effective Year 2018

Proposed Changes The College of Pharmacy faculty has approved changes in the Pharm.D. program based on experience/data from the first three years of offering the recently adopted curriculum.

The faculty has approved the following changes:

Year 1

1. Move Principles of Systems-Based Practice (PHA 5727) from Block 4 (Spring Semester) to Block 1 (Fall Semester). (This is only a change in semester offered)

2. Extend Principles of Drug Therapy Individualization I (PHA 5132) across both Blocks 3 and 4 rather than only Block 3. (In a pilot, this course has been extended into Block 4 for 2 weeks.) This course will continue to be a 4 credit hour course. (This is only a change in block offering during year 1-Spring semester)

3. Rather than a year-long 1 credit hour Personal and Professional development course, have a 0.5 credit hour each semester in year 1. The new courses are Personal and Professional Development I and Personal and Professional Development II (Requested by Registrar's office and already approved by UCC)

4. Increase the Community IPPE (PHA 5941) from 3 credit hours to 4 credit hours. (This will allow the program to better meet the new ACPE Accreditation Standards. The additional credit hour will come from a reduction in credit hours in year 4 Advanced Pharmacy Practice Experience courses.)

Year 2

5. Rather than a year-long 1 credit hour Personal and Professional development course, have a 0.5 credit hour each semester in year 2. The new courses are Personal and Professional Development III and Personal and Professional Development IV (Requested by Registrar's office and already approved by UCC)

Year 3

6. Reorganize courses in Block 13 so that the Patient Safety and Quality Course (PHA 5226C – 2 credit hours) and the Pharmacoepidemiology and Drug Safety course (PHA 5223 – 2 credit hours) are simultaneously offered over 7 weeks. (This only requires change in the course schedule within Block 13. No changes that require UCC approval are needed for these courses.)

7. Rather than a year-long 1 credit hour Personal and Professional development course, have a 0.5 credit hour each semester in year 3. The new courses are Personal and Professional Development V and Personal and Professional Development VI (Requested by Registrar's office and already

approved by UCC)

Year 4

8. Require seven (7) APPE rotations during year 4 with each APPE being 6 weeks in length. (42 credit hours). UCC has recently approved the following and these align with ACPE 2016 Standards (Accreditation):

- A. General Medicine APPE (6 credit hours/ 6 weeks)
- B. Hospital Practice APPE (6 credit hours/ 6 weeks)
- C. Ambulatory Care APPE (6 credit hours/ 6 weeks)
- D. Community APPE (6 credit hours/ 6 weeks)
- E. Patient Care Elective 1 APPE (6 credit hours/ 6 weeks)
- F. Patient Care Elective 2 APPE (6 credit hours/ 6 weeks)
- G. Elective 3 - Non Patient Care or Pt Care APPE (6 credit hours/ 6 weeks) {May be either non patient-care or patient care}

9. Add a 1 credit hour course just prior to start of APPE rotations that would be called Advanced Pharmacy Practice Experience Readiness. This course will be offered during the Capstone week between the end of the 3rd year and start of the 4th year. The course will provide a weeklong (40 hr) experience that will simulate an APPE. (This new course has been approved by UCC. The credit hour will come from a reduction in credit hours in year 4.

10. Rather than a year-long 1 credit hour Personal and Professional development course, have a 0 credit hour course in Summer, a 0 credit hour course in Fall and a 1 credit hour course in Spring. The new courses are Personal and Professional Development VII, VIII, and IX respectively. Requested by Registrar's office and already approved by UCC)

Pedagogical Rationale/Justification Across all four years, changes in the Personal and Professional Development course sequence have been made based on recommendations by the UF Registrar and UCC has already approved changes in these courses.

With respect to changes in year 1, student feedback from the 2015-16, 2016-7, and Fall 2017 cohorts have consistently indicated that the workload during Year 1-Block 1 is the lightest of the entire year and that Block 4 is very heavy. This was noted in the spring 2016 Curriculum Retreat with 1PD student leaders, block midpoint evaluations during 2015-16, course evaluations in 2015-16 and 2016-17, and feedback from class representatives.

Feedback in spring 2016, also indicated during Year 1-Block 3, the Principles of Drug Therapy Individualization I course (PHA 5132) was too short and it did not allow sufficient time to grasp the calculations that are learned during the course. Based on this feedback, in spring 2017, a pilot was done where the Principles of Drug Therapy Individualization I course was extended by 2 weeks into Block 4 and the Personal and Professional Development II course was changed to a standalone course of Principles of Law & Ethics. The additional time in Block 4 for the Principles of Drug therapy Individualization I course by 2 weeks improved the ability of students to grasp calculations.

At the end of year 1, the Community Introductory Pharmacy Practice Experience is being increased from 3 cr hr to 4 credit hours. This will allow the program to better meet ACPE Accreditation requirements.

In fall of year 3 (Block 13), the Patient Safety and Quality Course (PHA 5226C – 2 credit hours) and the Pharmacoepidemiology and Drug Safety course (PHA 5223 – 2 credit hours) were each 3.5 weeks in duration. These courses were taught for the first time in fall 2017 and feedback from faculty and students is that the pace of these courses would be better if they were offered simultaneously in a 7-week period. No changes are being made within these courses that will require UCC approval.

At the end of year 3, a 1 credit hour course just prior to start of APPE rotations called Advanced Pharmacy Practice Experience Readiness has been added. This course will be offered during the Capstone week between the end of the 3rd year and start of the 4th year. The course will provide a weeklong (40 hr) experience that will simulate an APPE. This also addresses recent changes in ACPE Accreditation Standards. UCC has already approved this course.

In year 4, the changes will allow the program to better meet ACPE Accreditation requirements. Also, all Pharm.D. programs in the State of Florida collaborate as a consortium and use the same APPE calendar and historically APPEs have each been 4 weeks in duration. This allows for coordination across the practice sites that are often used by multiple Pharm.D. programs for APPEs. The UF curriculum has historically required 11 APPEs that are each 4 weeks in duration (44 credit hours). This consortium recently agreed to revise APPEs so they are 6 weeks in duration. Experiential leaders across all programs advocated for this change since rotations that are longer in duration allow students to more fully develop their practice skills during each rotation and it allows more efficient use of sites where we tend to have a shortage of rotation offerings (e.g., Ambulatory Care APPE). The curriculum as approved on May 1, 2014 denoted there would be 44 weeks of APPEs and did not specify the types of rotations that would comprise these 44 credit hours. (The specific rotations were listed as TBA.)

Impact on Enrollment, Retention, Graduation The new curriculum is effective for the student class entering Fall 2018 into the Doctor of Pharmacy curriculum.

The following outlines a revised Curricular Plan for Classes of 2019, 2020 and 2021 that will allow them to experience these changes as much as possible. The plan below has been previously discussed with Dr. Angela Lindner:

1. The classes of 2019, 2020, and 2021 need adjustment in their study plan due to the change in 4th year experiential from 44 to 42 credit hours. (These are the class cohorts that had "TBA" listed with respect to their 4th year APPEs.)

A. Class of 2019 (entered in Fall 2015)

This cohort needs to complete 44 credit hours during the Summer, Fall and Spring semesters. In Year 4, offer the Advanced Pharmacy Practice Experience Readiness course (1 credit hour) and a Self-Directed Learning course that will focus on preparation for the NAPLEX and MPJE exams (1 credit hour) in addition to the 42 cr hrs of APPEs. Consistent with the curriculum they began upon matriculation, this would maintain 44 cr hrs in year 4 with these two courses and the APPEs being experiential related. (Note – this cohort has already completed the Community Introductory Pharmacy Practice Experience. This is the reason that one of the two open credit hours was not used for the Community Introductory Pharmacy Practice Experience.)

B. Class of 2020 (entered in fall 2016)

Same as Class of 2019

C.. Class of 2021 (entered in fall 2017)

This cohort will complete a 4 cr hr Community Introductory Pharmacy Practice Experience instead of 3 cr hr in summer 2018. (The 1st year summer experience will be 1 week longer but their weeks of experiences in year 4 will be two weeks shorter. Therefore, the overall length of the curriculum for this cohort is actually 1 week shorter in duration. As a result, their course of study is not extended and graduation date is unchanged.)

In year 4, students will complete the 1 cr hr Advanced Pharmacy Practice Experience Readiness course. This cohort will also complete Personal and Professional Development VII, VIII, and IX in year 4 as "C" courses. The designation as a "C" course allows for a self-directed learning format that includes learning related to preparation for the NAPLEX and MPJE. (Based on trends in board pass rates at a national level, such preparation is now commonly done during the 4th year as students complete their APPEs.)

The semester of graduation for all class cohorts will remain the same. The courses were are using for these 2 cr hrs are practice/experiential related and therefore, no more difficult than those in the Fall 2015 curriculum plan.

New 2015 UF COP PharmD Curriculum –First Year (1PD)

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	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ORIENTATION	Principles of Patient Centered Care Communication, Pharmaceutical Care, patient workup, Informatics & Patient Safety 2 Cr Hr					Pathophysiology & Patient Assessment I 3 Cr Hr											Personal Development / Remediation Semester Break	Pathophysiology & Patient Assessment II 3 Cr Hr								Spring Break	Patient Care 1: Integrated Module on Self-Care, OTC, drug supplements/herbals, etc. 3 Cr Hr											Capstone Assessment / Remediation Community IPPE/ Remediation/Summer Break																							
	Population Health Social determinants of health, health disparities, wellness strategies 2 Cr Hr					Principles of Medicinal Chemistry and Pharmacology I Principles of medicinal chemistry and pharmacology. Structure Activity Relationships; Molecular and cellular mechanisms of action. 3 Cr Hr												Principles of Medicinal Chemistry and Pharmacology II Principles continued. 1 Cr Hr									Principles of Evidence - Based Practice Biostatistics; health Information retrieval and evaluation; literature evaluation; evidence-based medicine/pharmacy . 3 Cr Hr																																		
	Personal & Professional Development I Critical Thinking, Problem-solving, Interprofessional - Collaborator 1 Cr Hr					Drug Delivery Systems Drug formulations, as well as devices used for drug delivery and targeted drug delivery. 4 Cr Hr												Principles of Drug Therapy Individualization Mechanisms underlying drug response. Include biopharmaceutics, pharmacokinetics, and pharmacogenetics in diverse populations 4 Cr Hr									Principles of Systems-Based Practice Health care delivery including Medication use systems (informatics & patient safety at the systems level). Insurance and assisting patients with coverage issues 1 Cr Hr																																		
	Personal & Professional Development II Principles of Law and Ethics 1 Cr Hr					Personal & Professional Development II Principles of Law and Ethics 1 Cr Hr												Personal & Professional Development II Continued.									Personal & Professional Development II Continued.																																		
	Interprofessional Education – IFH: A requirement of the Personal and Professional Development Courses; Hours count towards IPPE.					Interprofessional Education – IFH: A requirement of the Personal and Professional Development Courses; Hours count towards IPPE.												Interprofessional Education – IFH – ongoing									Interprofessional Education – IFH – ongoing																																		
	Professional Practice Skills I (1 Cr Hr): Patient interviewing, communications, patient assessment, compounding.					Professional Practice Skills I (1 Cr Hr): Patient interviewing, communications, patient assessment, compounding.												Professional Practice Skills II (1 Cr Hr): Patient assessment, compounding, communications (continues), Drug Information, literature evaluation, patient self-care, dispensing, patient safety.									Professional Practice Skills II (1 Cr Hr): Patient assessment, compounding, communications (continues), Drug Information, literature evaluation, patient self-care, dispensing, patient safety.																																		
																								Milestone 1																																					

Change from a year-long course

Extend course into Block 4

Change from a year-long course

Move to Yr 1-Block 1

Increase Community IPPE from 3 cr to 4 cr hr

New 2015 UF COP PharmD Curriculum –Second Year (2PD)

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
Principles of Medical Microbiology, Immunology, & Virology 2 Cr Hr Introductory course in which students will apply the principles of pathophysiology, medicinal chemistry, pharmacology, pharmacotherapy, patient assessment, clinical pharmacokinetics, social and behavioral aspects of medical management 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: Introduction to Infectious Disease and Heme/Onc 4 Cr Hr		Principles of Pharmacoeconomics 1 Cr Hr		Patient Care 3: Cardiovascular/ Pulmonary 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.		Electives (2 Cr Hr)		Personal Development/Remediation		Semester Break		Sterile Compounding (1Cr Hr)		Patient Care 4: GI/Renal 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 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.		Electives (2 Cr Hr)		Capstone Assessment/Remediation		Institutional IPPE/Remediation/Summer Break									
		Professional Practice Skills III (1 Cr Hr): Horizontal & Vertical Integration of Skills; Simulations		Professional Practice Skills IV (1 Cr Hr): Horizontal & Vertical Integration of Skills; Simulations																															
Personal and Professional Development (1 Cr Hr) (Ongoing with Milestone requirements in Week 18)		Personal and Professional Development - Ongoing		Milestone 2																															
Interprofessional Education – Ongoing grading can be linked to Personal & Prof Development course		Interprofessional Education – Ongoing grading can be linked to Personal & Prof Development course																																	

Change from a year-long course

Change from a year-long course

New 2015 UF COP PharmD Curriculum –Third Year (3PD)

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																
Pharmacoepidemiology and Drug Safety 2 Cr Hr				Patient Safety & Quality 2 Cr Hr				Practice Management 2 Cr Hr				Patient Care 6: Skin and Musculo-skeletal 3 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.				Electives (2 Cr Hr)				Personal Development/Remediation				Semester Break				Patient Care 7: Brain and Behavior 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 management and treatment of neurological and psychiatric disorders.				Spring Break				Patient Care 8: Complex Cases 4 Cr Hr 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.				Electives (2 Cr Hr)				Capstone Assessment/Remediation				APPEs			
												Pharmaceutical Law 2 Cr Hr 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): 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): (1 Cr Hr) Traditional Skills Lab Students who did not pass "Practice Ready" OSCE will be re-tested.															
Professional Practice Skills V (1 Cr Hr): Traditional Skills Lab & OSCEs OSCEs will be scheduled according to availability of Harrell Center (Assess "Practice Ready" in Nov-Dec)				Personal and Professional Development (1 Cr Hr) (Ongoing with Milestone requirements in Week 18)				Interprofessional Education – Ongoing as grading can be linked to Personal & Prof Development course				Change from a year-long course				Personal and Professional Development - Ongoing				Interprofessional Education – Ongoing				3rd Year Capstone will be a 1 Cr Hr - APPE Readiness course																											

Simultaneously offer these 2 courses

Change from a year-long course

3rd Year Capstone will be a 1 Cr Hr - APPE Readiness course

New 2015 UF COP PharmD Curriculum –Fourth Year (4PD)

May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May	
APPEs (11 months of Rotations – Specifics TBD)												Revised Curriculum has 42 weeks of APPEs (7 rotations with each 6 weeks in duration). This will involve 42 cr instead of the original 44 cr that were planned.	
1	2	3	4	5	6	7	8	9	10	11	12		Capston Assesse
Milestone 4: OSCE						Milestone 4: Other							

Year	Fall	Spring	Experiential	Total
1PD	16	17	3	36
2PD	17	16	4	37
3PD	15	13		28
4PD	1	Offer as 0 cr in SU of 3PD year and in 4PD year: 0 cr in Fall and 1 in Spring		45
			44	146

4 weeks is now proposed

 3PD SU would include an APPE Readiness course. 42 weeks is now proposed in year 4

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										Pathophysiology & Patient Assessment II PHA 5561 3 Cr Hr					Patient Care 1: PHA 5781 3 Cr Hr									
	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									
	Personal & Professional Development I (PHA 5021C) 0.5 Cr Hr – Includes Interprofessional Education (IPE)																				Milestone 1									
	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.									
		Personal Development Semester Break					Spring Break		Capstone Assessment Community IPPE (PHA 5941) 4 Cr hr / Remediation/Summer Break																					

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																																																										
																																				Institutional IPPE PHA 5942 – 4 Cr hr /Remediation/Summer Break																		Institutional IPPE PHA 5942 – 4 Cr hr /Remediation/Summer Break																						

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.													
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