## PROFESSIONAL HEALTH SCIENCES MAJOR CHANGE BULLETIN NO. 2 Spring 2023

# --REQUIREMENTS—

The requirements listed below reflect major curricular changes for the professional health sciences and have been approved by the Catalog Subcommittee and the Professional Health Sciences Committee. The text under the heading titled *Proposed* will show strikethroughs for deletions, and underlines for additions, as needed. The column to the far right indicates the date each change becomes effective. Note: Items marked {S} have been streamlined and do not require Catalog Subcommittee review.

Department	Proposed		Effective Date	
	DOCTOR OF PHARMACY (PHARMD) CURRIC Credits)	ULUM (135	8-23	
	First Year			
	First Term	Credits		
	PHARDSCI 502	4		
	PHARDSCI 504	<u> 12</u>		
	PHARDSCI 508	3		
	PHARDSCI 528	3		
	PHARMACY 506	1		
	PHARMACY 507	1		
	PHARMACY 509	1		
harmacy	PHARMACY 516	2		
Revise	Second Term	Credits		
equirements for Doctor of	PHARDSCI 510	2		
harmacy	PHARDSCI 512	4		
Curriculum	PHARDSCI 518	2		
	PHARDSCI 519	1		
	PHARMACY 501	1		
	PHARMACY 513	1		
	PHARMACY 514	4		
	Electives <sup>1</sup>	3 - 0		
	Third Term	Credits		
	PHARMACY 533 <sup>2</sup>	<u>34</u>		
	Second Year			
	First Term	Credits		
	PHARDSCI 532	4		
	PHARMACY 530	2		

PHARMACY 531       1         PHARMACY 536       1         PHARMACY 545       3         Elcetives¹       2 - 0         Second Term       Credits         PHARDSCI 542       4         PHARDSCI 547       2         PHARMACY 541       1         PHARMACY 543       1         PHARMACY 544       4         PHARMACY 558       2         PHARMACY 559       2         Electives¹       3 - 0         Third Term       Credits         PHARMACY 5532       3         Third Vear       Credits         PHARMACY 554       4         PHARMACY 555       1         PHARMACY 556       1         PHARMACY 566       3         Electives¹       2 - 0         Second Term       Credits         PHARMACY 561       2         PHARMACY 563       2         PHARMACY 564       3         Electives²       2 - 0         Third Term       Credits			
PHARMACY 536	PHARMACY 531	1	
PHARMACY 545   3   Electives   2 - 0	PHARMACY 534	4	
Electives   2 - 0			
Second Term         Credits           PHARDSCI 542         4           PHARDSCI 547         2           PHARMACY 541         1           PHARMACY 543         1           PHARMACY 544         4           PHARMACY 558         2           PHARMACY 558         2           PHARMACY 559         2           Electives <sup>1</sup> 3 - 0           Third Term         Credits           PHARMACY 552         3           Third Year         Credits           PHARMACY 553         2           PHARMACY 551         2           PHARMACY 554         4           PHARMACY 556         1           PHARMACY 566         3           Electives <sup>1</sup> 2 - 0           Second Term         Credits           PHARMACY 555         4           PHARMACY 563         2           PHARMACY 564         3           PHARMACY 564			
PHARDSCI 542 PHARDSCI 547 PHARMACY 541 PHARMACY 543 PHARMACY 544 PHARMACY 558 PHARMACY 559 Electives¹  Third Term Credits PHARMACY 551 PHARMACY 552  Third Year  First Term Credits PHARMACY 556 PHARMACY 556 PHARMACY 556 PHARMACY 556 PHARMACY 557 PHARMACY 555 PHARMACY 555 PHARMACY 555 PHARMACY 556 PHARMACY 556 PHARMACY 557 PHARMACY 557 PHARMACY 557 PHARMACY 561 PHARMACY 563 PHARMACY 563 PHARMACY 564 Bleetives¹ PHARMACY 563 PHARMACY 564 Bleetives¹ PHARMACY 565 PHARMACY 565 PHARMACY 565 PHARMACY 566 PHARMACY 567 PHARMACY 568 PHARMACY 569 PHARMACY 569 PHARMACY 569 PHARMACY 560 PHARMACY 561 PHARMACY 564 PHARMACY 565 PHARMACY 565 PHARMACY 565 PHARMACY 566 PHARMACY 566 PHARMACY 567 PHARMACY 568 PHARMACY 569 PHARMACY 561 PHARMACY 561 PHARMACY 563 PHARMACY 565 PHARMACY 566 PHARMACY 566 PHARMACY 566 PHARMACY 567 PHARMACY 566 PHARMACY 56	Electives <sup>1</sup>	2 - 0	
PHARDSCI 547       2         PHARMACY 541       1         PHARMACY 543       1         PHARMACY 544       4         PHARMACY 558       2         PHARMACY 559       2         Electives¹       3 - 0         Third Term       Credits         PHARMACY 553²       3         Third Year         First Term       Credits         PHARMACY 551       2         PHARMACY 556       1         PHARMACY 556       1         PHARMACY 566       3         Electives¹       2 - 0         Second Term       Credits         PHARMACY 555       4         PHARMACY 561       2         PHARMACY 563       2         PHARMACY 564       3         Electives¹       2 - 0         Third Term       Credits         Advanced Pharmacy Practice Experiences (APPE)³       5         Fourth Year       First Term       Credits         Advanced Pharmacy Practice Experiences (APPE)³       15         Second Term       Credits	Second Term	Credits	
PHARMACY 541       1         PHARMACY 543       1         PHARMACY 544       4         PHARMACY 558       2         PHARMACY 559       2         Electives¹       3 - 0         Third Term       Credits         PHARMACY 553²       3         Third Year         First Term       Credits         PHARMACY 551       2         PHARMACY 554       4         PHARMACY 556       1         PHARMACY 566       3         Electives¹       2 - 0         Second Term       Credits         PHARMACY 555       4         PHARMACY 561       2         PHARMACY 563       2         PHARMACY 564       3         Electives¹       2 - 0         Third Term       Credits         Advanced Pharmacy Practice Experiences (APPE)²       5         Fourth Year       First Term       Credits         Advanced Pharmacy Practice Experiences (APPE)³       15         Second Term       Credits	PHARDSCI 542	4	
PHARMACY 543 PHARMACY 544 PHARMACY 558 PHARMACY 559 Electives <sup>1</sup> 3 - 0  Third Term Credits PHARMACY 553 <sup>2</sup> 3  Third Year  First Term Credits PHARMACY 554 PHARMACY 554 PHARMACY 556 PHARMACY 556 PHARMACY 566 Electives <sup>1</sup> 2 - 0  Second Term Credits PHARMACY 557 PHARMACY 557 PHARMACY 557 PHARMACY 563 PHARMACY 564 Electives <sup>1</sup> 2 - 0  Third Term Credits PHARMACY 563 PHARMACY 564 Electives <sup>2</sup> PHARMACY 564 Electives <sup>3</sup> PHARMACY 564 Electives <sup>4</sup> PHARMACY 565 PHARMACY 566 PHARMACY 567 PHARMACY 568 PHARMACY 569 PHARMA	PHARDSCI 547	2	
PHARMACY 544       4         PHARMACY 558       2         PHARMACY 559       2         Electives¹       3 - 0         Third Term       Credits         PHARMACY 553²       3         Third Year       Credits         PHARMACY 551       2         PHARMACY 554       4         PHARMACY 556       1         PHARMACY 566       3         Electives¹       2 - 0         Second Term       Credits         PHARMACY 555       4         PHARMACY 557       4         PHARMACY 561       2         PHARMACY 563       2         PHARMACY 564       3         Electives²       2 - 0         Third Term       Credits         Advanced Pharmacy Practice Experiences (APPE)³       5         Fourth Year       First Term       Credits         Advanced Pharmacy Practice Experiences (APPE)³       15         Second Term       Credits	PHARMACY 541	1	
PHARMACY 558       2         PHARMACY 559       2         Electives¹       3 - 0         Third Term       Credits         PHARMACY 553²       3         Third Year         First Term       Credits         PHARMACY 551       2         PHARMACY 554       4         PHARMACY 555       1         PHARMACY 566       3         Electives¹       2 - 0         Second Term       Credits         PHARMACY 555       4         PHARMACY 557       4         PHARMACY 563       2         PHARMACY 564       3         Electives¹*       2 - 0         Third Term       Credits         Advanced Pharmacy Practice Experiences (APPE)³       5         Fourth Year         First Term       Credits         Advanced Pharmacy Practice Experiences (APPE)³       15         Second Term       Credits	PHARMACY 543	1	
PHARMACY 559   2   Electives   3 - 0	PHARMACY 544	4	
Electives	PHARMACY 558		
Third Term         Credits           PHARMACY 553²         3           Third Year         Credits           PHARMACY 551         2           PHARMACY 554         4           PHARMACY 556         1           PHARMACY 566         3           Electives¹         2 - 0           Second Term         Credits           PHARMACY 555         4           PHARMACY 557         4           PHARMACY 561         2           PHARMACY 563         2           PHARMACY 564         3           Electives¹         2 - 0           Third Term         Credits           Advanced Pharmacy Practice Experiences (APPE)³         5           Fourth Year         First Term         Credits           Advanced Pharmacy Practice Experiences (APPE)³         15           Second Term         Credits		2	
PHARMACY 553²       3         Third Year         First Term       Credits         PHARMACY 551       2         PHARMACY 554       4         PHARMACY 556       1         PHARMACY 566       3         Electives¹       2 - 0         Second Term       Credits         PHARMACY 555       4         PHARMACY 557       4         PHARMACY 563       2         PHARMACY 564       3         Electives¹       2 - 0         Third Term       Credits         Advanced Pharmacy Practice Experiences (APPE)³       5         Fourth Year       First Term       Credits         Advanced Pharmacy Practice Experiences (APPE)³       15         Second Term       Credits	Electives <sup>1</sup>	3 - 0	
Third Year           First Term         Credits           PHARMACY 551         2           PHARMACY 554         4           PHARMACY 556         1           PHARMACY 566         3           Electives¹         2 - 0           Second Term         Credits           PHARMACY 555         4           PHARMACY 557         4           PHARMACY 561         2           PHARMACY 563         2           PHARMACY 564         3           Electives¹         2 - 0           Third Term         Credits           Advanced Pharmacy Practice Experiences (APPE)³         5           Fourth Year         First Term         Credits           Advanced Pharmacy Practice Experiences (APPE)³         15           Second Term         Credits		Credits	
First Term         Credits           PHARMACY 551         2           PHARMACY 554         4           PHARMACY 556         1           PHARMACY 566         3           Electives¹         2 - 0           Second Term         Credits           PHARMACY 555         4           PHARMACY 557         4           PHARMACY 561         2           PHARMACY 563         2           PHARMACY 564         3           Electives¹         2 - 0           Third Term         Credits           Advanced Pharmacy Practice Experiences (APPE)³         5           Fourth Year         First Term         Credits           Advanced Pharmacy Practice Experiences (APPE)³         15           Second Term         Credits	PHARMACY 553 <sup>2</sup>	3	
PHARMACY 551       2         PHARMACY 554       4         PHARMACY 556       1         PHARMACY 566       3         Electives¹       2 - 0         Second Term       Credits         PHARMACY 555       4         PHARMACY 557       4         PHARMACY 561       2         PHARMACY 563       2         PHARMACY 564       3         Electives¹       2 - 0         Third Term       Credits         Advanced Pharmacy Practice Experiences (APPE)³       5         Fourth Year       First Term       Credits         Advanced Pharmacy Practice Experiences (APPE)³       15         Second Term       Credits	Third Year		
PHARMACY 554       4         PHARMACY 556       1         PHARMACY 566       3         Electives¹       2 - 0         Second Term       Credits         PHARMACY 555       4         PHARMACY 557       4         PHARMACY 561       2         PHARMACY 563       2         PHARMACY 564       3         Electives¹       2 - 0         Third Term       Credits         Advanced Pharmacy Practice Experiences (APPE)³       5         Fourth Year       First Term       Credits         Advanced Pharmacy Practice Experiences (APPE)³       15         Second Term       Credits	First Term	Credits	
PHARMACY 556       1         PHARMACY 566       3         Electives¹       2 - 0         Second Term       Credits         PHARMACY 555       4         PHARMACY 557       4         PHARMACY 561       2         PHARMACY 563       2         PHARMACY 564       3         Electives¹       2 - 0         Third Term       Credits         Advanced Pharmacy Practice Experiences (APPE)³       5         Fourth Year       Credits         Advanced Pharmacy Practice Experiences (APPE)³       15         Second Term       Credits	PHARMACY 551	2	
PHARMACY 566       3         Electives¹       2 - 0         Second Term       Credits         PHARMACY 555       4         PHARMACY 557       4         PHARMACY 561       2         PHARMACY 563       2         PHARMACY 564       3         Electives¹       2 - 0         Third Term       Credits         Advanced Pharmacy Practice Experiences (APPE)³       5         Fourth Year       Credits         Advanced Pharmacy Practice Experiences (APPE)³       15         Second Term       Credits	PHARMACY 554	4	
Electives¹         2 - 0           Second Term         Credits           PHARMACY 555         4           PHARMACY 557         4           PHARMACY 561         2           PHARMACY 563         2           PHARMACY 564         3           Electives¹         2 - 0           Third Term         Credits           Advanced Pharmacy Practice Experiences (APPE)³         5           Fourth Year         Credits           Advanced Pharmacy Practice Experiences (APPE)³         15           Second Term         Credits	PHARMACY 556	1	
Second Term         Credits           PHARMACY 555         4           PHARMACY 557         4           PHARMACY 561         2           PHARMACY 563         2           PHARMACY 564         3           Electives <sup>1</sup> 2-0           Third Term         Credits           Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup> 5           Fourth Year         Credits           Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup> 15           Second Term         Credits	PHARMACY 566	3	
PHARMACY 555       4         PHARMACY 557       4         PHARMACY 561       2         PHARMACY 563       2         PHARMACY 564       3         Electives <sup>1</sup> 2-0         Third Term       Credits         Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup> 5         Fourth Year       Credits         Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup> 15         Second Term       Credits	Electives <sup>1</sup>	2 - 0	
PHARMACY 557       4         PHARMACY 561       2         PHARMACY 563       2         PHARMACY 564       3         Electives <sup>‡</sup> 2-0         Third Term       Credits         Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup> 5         Fourth Year       Credits         Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup> 15         Second Term       Credits	Second Term	Credits	
PHARMACY 561       2         PHARMACY 563       2         PHARMACY 564       3         Electives <sup>1</sup> 2-0         Third Term       Credits         Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup> 5         Fourth Year       Credits         Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup> 15         Second Term       Credits	PHARMACY 555	4	
PHARMACY 563 PHARMACY 564 3 Electives <sup>1</sup> 2-0 Third Term Credits Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup> 5  Fourth Year First Term Credits Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup> 15 Second Term Credits	PHARMACY 557	4	
PHARMACY 564  Electives <sup>1</sup> Third Term  Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup> Fourth Year  First Term  Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup> Second Term  Credits  Credits  Credits	PHARMACY 561	2	
Electives <sup>1</sup> Third Term Credits Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup> Fourth Year  First Term Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup> Second Term Credits  Credits	PHARMACY 563	2	
Third Term Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup> Fourth Year  First Term Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup> Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup> Second Term  Credits  Credits		3	
Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup> Fourth Year  First Term  Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup> Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup> Second Term  Credits  Credits		2-0	
Fourth Year  First Term Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup> Second Term  Credits  Credits		<u>Credits</u>	
First Term Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup> Second Term  Credits  Credits	Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup>	<u>5</u>	
Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup> Second Term  Credits	Fourth Year		
Second Term Credits	First Term	Credits	
	Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup>	15	
Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup>	Second Term	Credits	
	Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup>	15	

### **Footnotes**

- <sup>1</sup> Elective Courses: <u>425</u> credits of electives involving a minimum of 4 courses are required throughout the first three years of the curriculum. Select from: ACCTG 550, BA 501–504, 600, COM 561–564, COMHLTH 570–574, COMSTRAT 701, ECON 555, E M 508, <u>520</u>, 522, 526, 530, <u>534</u>, 538, <u>555</u>, 560, 564–570, 580, 585, 590, ENGLISH 402, NURS 478, 492, 498, 499, SHS 201, 202, PHARDSCI 499, 599, PHARMACY 499, 570–580, 588–599, PHARMSCI 512, 520, 540, 560, 565, 572, 573, 575, 577, 578, 579, 581.
- <sup>2</sup> Introductory Pharmacy Practice Experiences (IPPE) courses can be assigned in the summer, fall, or spring session.
- <sup>3</sup> Advanced Pharmacy Practice Experiences (APPE) courses: PHARMACY 581, 582, 583, 584, 585, 586, 587.

# DOCTOR OF PHARMACY WITH RESEARCH HONORS CURRICULUM (143 Credits)

The Doctor of Pharmacy with Research Honors major provides students with the opportunity to gain substantial research experience while in pharmacy school. Students interested in pursuing the Research Honors plan should attend informational sessions and consult with the policies for the Research Honors Program, and then apply for entry to this program during the second term of their first year in the PharmD curriculum. Prospective Research Honors students must enroll in PHARMACY or PHARDSCI 499 or 599 in the second term of their first professional year before applying to the Research Honors program. The program requires selection of a research mentor, ongoing research work (PHARDSCI 598; total of at least 8 credits required) during the second and third professional years, completion of PHARMSCI 577 in the first term of the second professional year, presentation of research plans in the second professional year, and submission of a culminating paper to the Research Honors Program in the third professional year.

## Pharmacy

Revise requirements for Doctor of Pharmacy with Research Honors Curriculum

### First Year

First Term	Credits
PHARDSCI 502	4
PHARDSCI 504	<u> 42</u>
PHARDSCI 508	3
PHARDSCI 528	3
PHARMACY 506	1
PHARMACY 507	1
PHARMACY 509	1
PHARMACY 516	2
Second Term	Credits
PHARDSCI 510	2
PHARDSCI 512	4
PHARDSCI 518	2

8-23

PHARDSCI 519	1	
PHARMACY 501	1	
PHARMACY 513	1	
PHARMACY 514	4	
PHARMACY or PHARDSCI 499 or 599 <sup>1</sup>	1 - 4	
Electives <sup>1</sup>	<del>3 0</del> 0-3	
Third Term	Credits	
PHARMACY 533 <sup>2</sup>	<u>34</u>	
Second Year		
First Term	Credits	
PHARDSCI 532	4	
PHARDSCI 598	1 - 4	
PHARMACY 530	2	
PHARMACY 531	1	
PHARMACY 534	4	
PHARMACY 536	1	
PHARMACY 545	3	
PHARMSCI 577	3	
Electives <sup>1</sup>	2 - 0	
Second Term	Credits	
PHARDSCI 542	4	
PHARDSCI 547	2	
PHARDSCI 598	1 - 4	
PHARMACY 541	1	
PHARMACY 543	1	
PHARMACY 544	4	
PHARMACY 558	2	
PHARMACY 559	2	
Electives <sup>1</sup>	3 - 0	
Third Term	Credits	
PHARMACY 553 <sup>2</sup>	3	
Third Year		
First Term	Credits	
PHARDSCI 598	1 - 4	
PHARMACY 551	2	
DILADMACNESA	4	
PHARMACY 554	4	

PHARMACY 566	3
Electives <sup>1</sup>	2 - 0
Second Term	Credits
PHARDSCI 598	1 - 4
PHARMACY 555	4
PHARMACY 557	4
PHARMACY 561	2
PHARMACY 563	2
PHARMACY 564	3
Electives <sup>1</sup>	2-0
<u>Third Term</u>	<u>Credits</u>
Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup>	<u>5</u>
Fourth Year	
First Term	Credits
Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup>	15
Second Term	Credits
Advanced Pharmacy Practice Experiences (APPE) <sup>3</sup>	15

#### Footnotes

<sup>&</sup>lt;sup>1</sup> Elective Courses: <u>125</u> credits of electives involving a minimum of 4 courses are required throughout the first three years of the curriculum. Select from: ACCTG 550, BA 501–504, 600, COM 561–564, COMHLTH 570–574, COMSTRAT 701, ECON 555, E M <u>501</u>, 508, 522, 526, 530, 538, <u>555</u>, 560, 564–570, 580, 585, 590, ENGLISH 402, NURS 478, 492, 498, 499, SHS 201, 202, PHARDSCI 499, 599, PHARMACY 499, 570–580, 588–599, PHARMSCI 512, 520, 540, 560, 565, 572, 573, 575, 577, 578, 579, 581. PHARMACY 499, 599, PHARDSCI 499, 599, and PHARMSCI 577 are curricular requirements that also count as electives.

<sup>&</sup>lt;sup>2</sup> Introductory Pharmacy Practice Experiences (IPPE) courses can be assigned in the summer, fall, or spring session.

<sup>&</sup>lt;sup>3</sup> Advanced Pharmacy Practice Experiences (APPE) courses: PHARMACY 581, 582, 583, 584, 585, 586, 587.