

AFFILIATION AGREEMENT

THE "3 + 4" CHARLESTON DUAL DEGREE PHARMACY PROGRAM

An Affiliation Agreement Between

The University of Charleston
School of Pharmacy
and
Concord University

AGREEMENT:

THIS AGREEMENT is made this 7th day of August 2015, by and between THE UNIVERSITY OF CHARLESTON SCHOOL OF PHARMACY of the City of Charleston, County of Kanawha, and State of West Virginia, hereinafter referred to as "the School of Pharmacy at UC" and CONCORD UNIVERSITY, of the City of Athens, County of Mercer, and State of West Virginia, hereinafter referred to as "CU." This agreement can be voided by either party with twelve (12) months notice being provided.

BACKGROUND

The University of Charleston (UC) School of Pharmacy and Concord University (CU) hereby pledge their commitment to the training of future pharmacy practitioners by joining this affiliation. CU and UC will offer a dual degree, seven year Doctor of Pharmacy program. Under this joint agreement between the School of Pharmacy at UC and CU, students will successfully complete the three-year undergraduate program in pre-pharmacy at CU and then successfully matriculate into the School of Pharmacy at UC. After completion of the first year of the professional curriculum at the School of Pharmacy at UC, the students will return to CU for graduation, during which they will receive a Bachelor of Science degree in Chemistry (Pharmacy Option). The students will then spend the next three years completing the professional curriculum of the Doctor of Pharmacy degree (Pharm.D.).

This affiliated agreement will be referred to as *The "3 + 4" Charleston Dual Degree Program in Pharmacy*. The PROGRAM will be a pre-pharmacy program that will give the students the opportunity to complete their degree in two phases: Phase I consists of three years of undergraduate education at CU, and Phase II consists of four years of pharmacy education at the School of Pharmacy at UC. UC School of Pharmacy will reserve a total of five (5) positions annually to CU University, with the understanding that additional positions may be available as determined by mutual agreement between CU and the School of Pharmacy at UC, in Phase II of the Program for CU students successfully completing Phase I.

SELECTION OF STUDENTS FOR THE PROGRAM

The UC School of Pharmacy at UC will guarantee admission to **five (5)** CU students each year who meet the criteria below:

- ❖ Complete the pre-pharmacy curriculum in Phase I of the Dual Degree Program, as described below (or as amended).
- ❖ Earn a minimum of 3.25/4.00 in Phase I of the PROGRAM, with no grade lower than a C.
- ❖ Earn a minimum of 3.25/4.00 in all science and mathematics courses, with no grade lower than a C.
- ❖ Score above the 50th percentile on the PCAT with an appropriate score on the writing sample.
- ❖ Successfully interview with UC School of Pharmacy faculty.
- ❖ Submit two (2) letters of recommendation. One of these letters must be from the Pre-Health Advisory Committee at CU. This committee is composed of the Chair of the Pre-Health Advisory Committee and faculty at CU. The letter will address the personal growth of the student during Phase I, as well as the student's maturity, responsibility, and desire to become a pharmacist. One of these recommendations must be from a licensed pharmacist.
- ❖ Demonstrate experience in community/campus activism.
- ❖ Successfully complete a criminal background check.
- ❖ Submit a completed application for early-decision admission to the School of Pharmacy at UC and the submission of their final transcript from CU.

To assist students in meeting the aforementioned criteria, the School of Pharmacy at UC will offer support resources to identified program participants in the areas of standardized test preparation and interviewing skills.

Notwithstanding any other provision in this Agreement to the contrary, the School of Pharmacy at UC shall retain the final authority in determining each student's admission into Phase II of the Program, and retains final authority to deny any student admission into Phase II if, in the sole determination of the School of Pharmacy at UC, the student:

- Poses a serious risk of harm to the health or welfare of the employees and students of the School of Pharmacy at UC.
- Fails to demonstrate professional behavior appropriate to the environment of the School of Pharmacy at UC.
- Fails to maintain good academic and conduct standing throughout his/her matriculation at CU.
- Fails to comply with the published policies, rules, regulations at the School of Pharmacy at UC and/or demonstrates behavior off campus which is likely to have an adverse effect on the School of Pharmacy at UC or the educational process.
- Fails to comply with all federal, state, and local laws.

The Pre-Health Advisory Committee at CU will annually provide the School of Pharmacy at UC with a list of eligible students prior to May 1 of each year. These students will then be responsible for submitting their applications via PharmCAS. CU students must apply through the Early Decision process to be eligible.

All questions from students ACCEPTED into Phase II of the PROGRAM should be directed to the Office of Professional and Student Affairs at the School of Pharmacy at UC.

Three Year Undergraduate Program in Pre-Pharmacy at CU and Four Year Professional Pharmacy Program at the School of Pharmacy at UC

Phase 1

Potential applicants may apply to the program **without** the completion of all prerequisite math, science and social science requirements. **However, students must successfully complete all prerequisite coursework, with a grade of "C" or higher, prior to beginning the professional program. Applicants are strongly encouraged to complete all math and science requirements by the end of the spring semester prior to beginning the first professional year.** In instances when students must complete pre-pharmacy coursework in the summer prior to the start of their first professional year, it is strongly suggested that only social science coursework be completed during summer sessions.

University of Charleston Prerequisite Curriculum	
UC Requirement	Courses to Fulfill Requirement At CU
Algebra/Introductory Calculus (3 credits)	MATH 103 (3 credits)
Calculus (3 credits)	MATH 250 (4 credits)
Statistics (2 credits)	MATH 105 (3 credits)
General Biology I with lab (4 credits)	BIOL 101 (4 credits)
General Biology II with lab (4 credits)	BIOL 102 (4 credits)
Human Anatomy with lab (4 credits)	BIOL 235 (4 credits)
Human Physiology with lab (4 credits)	BIOL 237 (4 credits)
Microbiology with lab (4 credits)	BIOL 330 (4 credits)
General Chemistry I with lab (4 credits)	CHEM 101 (3 credits) and CHEM 111 (1 credit)
General Chemistry II with lab (4 credits)	CHEM 102 (3 credits) and CHEM 112 (1 credit)
Organic Chemistry I with lab (4 credits)	CHEM 331 (4 credits)
Organic Chemistry II with lab (4 credits)	CHEM 332 (4 credits)
Physics with lab (4 credits)	PHYS 101/201 (4 credits)
Economics (3 credits)	ECON 201 (3 credits) or ECON 202 (3 credits)
English Composition (6 credits)	ENGL 101 (3 credits) and ENGL 102 (3 credits)
History or Political Science (3 credits)	HIST 101 (3 credits) or HIST 102 (3 credits) or POSC 101 (3 credits) or POSC 104 (3 credits)
Psychology or Sociology (3 credits)	PSY 101 (3 credits) or PSY 200 (3 credits) or SOC 101 (3 credits) or SOC 310 (3 credits)

Listed in the table below are additional curriculum requirements for CU students matriculating to the School of Pharmacy at UC that will result in the receipt of a Baccalaureate in Chemistry (Pharmacy Option) degree.

Concord University Additional B.S. Degree in Chemistry (Pharmacy Option) Requirements	
Requirement	Course to Fulfill Requirement
University 100	UNIV 100
World Literature I	ENGL 203
World Literature II	ENGL 204
Fundamentals of Speech	COMM 101
Personal Wellness	P ED 101M
Fine Arts (Course 1)	ART 101A or MUS 101A or THEA 102A
Fine Arts (Course 2)	ART 101A or MUS 101A or THEA 102A
Social Sciences (Pick one that has not been used to fulfill University of Charleston prerequisites above)	ECON 201 OR ECON 202 GEOG 101 or GEOG 200 or GEOG 250 HIST 101 or HIST 102 POSC 101 or POSC 104 PHIL 101 or PHIL 102 PSY 101 or PSY 200 SOC 101 or SOC 310
Trigonometry	MATH 104
Physics II	PHYS 102/202
Biochemistry	CHEM 341
Biochemistry Lab	CHEM 347
Analytical Chemistry	CHEM 351
Analytical Chemistry Lab	CHEM 357
Pharmacy Internship (2 semesters)	CHEM 450

A minimum of 36 credit hours, not including the pharmacy internship (CHEM 450), must be completed at Concord University. During the first year at UC, the student will register for CHEM 450 Pharmacy Internship at CU; tuition and fees will not be charged by Concord for this internship. Graduation from Phase I of the PROGRAM will occur after completion of the first year of pharmacy school, during Phase II of the PROGRAM. Students MUST register for graduation from CU during the spring semester of the first year in the School of Pharmacy at UC. Graduation is contingent upon receipt of official transcripts and the completion of 120 credit hours.

The curriculum listed above will be required for conferral of the B.S. Degree in Chemistry (Pharmacy Option) as of the date of signing of this agreement. However, an undergraduate science curriculum evolves to meet the changing needs and, therefore, may occasionally change in course content, emphasis, and sequencing. Any updates to the curriculum will be published in the undergraduate catalog of CU.

CONFERRAL OF THE BACHELOR OF SCIENCE DEGREE IN CHEMISTRY (PHARMACY OPTION)

Following successful completion of the first year of pharmacy school, receipt of the student's UC transcript at CONCORD, and evaluation by the Vice President and Academic Dean, or his or her designee, the degree of Bachelor of Science in Chemistry (Pharmacy Option) will be conferred at CONCORD during the May graduation ceremony.

Phase II

Year 4: First Year of Pharmacy School			
Fall	Credit Hrs	Spring	Credit Hrs
PHAR 501L Prof. Awareness Prep. Seminar	1	PHAR 506 Immunization Certification	2
PHAR 510 Intro. To Pharmacy Pr. & Law	3	PHAR 520 Pathophysiology	4
PHAR 511 Drug Literature Evaluation	2	PHAR 522 Pharmaceutics II	3
PHAR 512 Immunology	3	PHAR 523L Pharmaceutical Compounding	1
PHAR 513 Biochemistry	3	PHAR 524 Clinical Research Methods	2
PHAR 514 Pharmaceutics I (Calculations)	2	PHAR 525L IPPE I*	(1)
PHAR 515L Pharmaceutical Science Lab	1	PHAR 527 Lifestyle Mod. & Dx Prevention	3
PHAR 525L IPPE I*	1	Elective	3
Semester Total	16	Semester Total	18

*Students will only be enrolled in PHAR 525L either fall or spring semester

Year 5: Second Year of Pharmacy School			
Fall	Credit Hrs	Spring	Credit Hrs
PHAR 610 Pharmacokinetic Principles	3	PHAR 626L IPPE III	2
PHAR 611L Interprofessional Ed. Skills Lab	1	PHAR 629 HC Communications & Ethics	3
PHAR 612 Pharmacology I	4	PHAR 640 Pharmacotherapy I	8
PHAR 614 Medicinal Chemistry	3	PHAR 641 Pharmacology II	4
PHAR 615L IPPE II	3	PHAR 643 Strategies for Positive Health Outcomes	3
PHAR 619L Sterile Prod Lab	1		
Elective	3		
Semester Total	18	Semester Total	20

Year 6: Third Year of Pharmacy School			
Fall	Credit Hrs	Spring	Credit Hrs
PHAR 715 Pharmacy Management	2	PHAR 716L IPPE IV*	(2)
PHAR 716L IPPE IV*	2	PHAR 718 Pharmacogenomics & Med Genetics	3
PHAR 719 Pharmacotherapy II	8	PHAR 725 Pharmaceutical Marketing	2

PHAR 728 Pharmacy Law	3	PHAR 740 Pharmacotherapy III	8
PHAR 741 Pharmacoeconomics & HP	2	PHAR 742 Adv Drug Literature Eval	2
Elective	3		
Semester Total	20	Semester Total	15

*Students will only be enrolled in PHAR 716L either fall or spring semester.

Year 7: Fourth Year of Pharmacy School					
Summer/Fall/Spring					
PHAR 807 Adv. Ethics	1	PHAR 821 APPE 1	5	PHAR 825 APPE 5	5
PHAR 812 Adv. Cert II	1	PHAR 822 APPE 2	5	PHAR 826 APPE 6	5
PHAR 898 (e-portfolio)	1	PHAR 823 APPE 3	5	PHAR 827 APPE 7	5
		PHAR 824 APPE 4	5	PHAR 828 APPE 8	5
P4 Year Total	43				

The curriculum listed above will be required for conferral of the Pharm.D. degree as of the date of signing of this agreement. However, a pharmacy school curriculum evolves to meet the changing needs and, therefore, may occasionally change in course content, emphasis, and sequencing. Any updates to the curriculum will be posted on the website: www.ucwv.edu/pharmacy

CONFERRAL OF THE DOCTOR OF PHARMACY DEGREE

The degree will be conferred upon successful completion of Phase I and Phase II of the PROGRAM, both didactic and clinical, and recommendation by both the faculty and administration of the School of Pharmacy at UC. Conferral of the Pharm.D. degree will be at the end of the fourth year at the School of Pharmacy at UC (7th year of the PROGRAM).

This Agreement shall be binding upon the principal parties hereto, their successors, and assigns. This document embodies the entire agreement between the parties hereto and may not be modified or terminated orally and there are no other understandings, agreements, or representations expressed or implied between said parties.

PLEDGE OF COOPERATION

The parties acknowledge that education programs such as the one contemplated herein constantly evolve and change as accreditation, academic and student needs require, therefore, the parties agree and pledge to cooperate with each other in amending or revising this Affiliation Agreement as may be required, including terminating this Affiliation Agreement in the event the educational program created hereby is no longer warranted.

TERMINATION

Either party may terminate this Affiliation Agreement by giving the other twelve (12) months advance written notice, provided, however, that all students currently enrolled in the Program shall be allowed to continue in the Program until completion and conferral of the expected degrees, or no students remain in the Program, whichever first occurs. The effective date for the termination of this Affiliation Agreement will be the earlier of the date when the School of Pharmacy at UC confers the Pharm.D. degree on the last group of students in the Program or the date when no students remain in the Program. CU will not recruit or accept new students for the Program after written notice of termination has been given.

WITNESSETH:

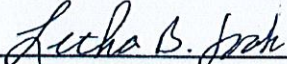
WHEREAS, the School of Pharmacy at UC and CU are desirous of establishing a cooperative affiliation program of pharmacy leading to the Bachelor of Science Degree in Chemistry (Pharmacy Option) from CU and the Doctor of Pharmacy Degree from the School of Pharmacy at UC, and

WHEREAS, the conferral of the B.S. Degree will occur after successful completion of the undergraduate portion (Phase I) of the PROGRAM and the first year of Phase II of the PROGRAM, and

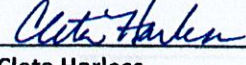
WHEREAS, the conferral of the Pharm.D. degree will occur after successful completion of all coursework (didactic and clinical) and the recommendation of the School of Pharmacy at UC faculty and administration. The conferral of the Pharm.D. degree will be at the end of the fourth year of pharmacy school and at the end of the seventh year of the PROGRAM, and

WHEREAS, it is contemplated that both institutions will coordinate their respective activities to achieve the above mentioned objective; and IN WITNESS THEREOF, and intending to be legally bound hereby. The parties have hereunto affixed their hands and seals the day and year written below.

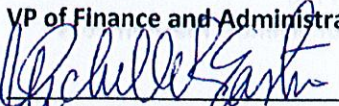
THE UNIVERSITY OF CHARLESTON



Letha Zook, Ph.D.
Provost and VP of Academic Affairs




Clea Harless
VP of Finance and Administration

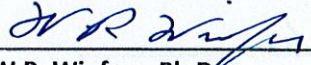


Michelle R. Easton, Pharm.D.
Dean, School of Pharmacy

CONCORD UNIVERSITY



Peter Viscusi, Ph.D.
Vice President and Academic Dean



W.R. Winfrey, Ph.D.
Division Chair of Science, Mathematics
and Health

Date of signing: 10/1/15

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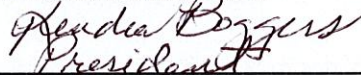


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