

**ADDENDUM A  
PROGRAM ARTICULATION AGREEMENT**

**between  
University of North Texas on behalf of its System College of Pharmacy  
and  
University of North Texas at Dallas on behalf of its College of Science**

This Program Articulation Agreement is made and entered into this 01 day of July, 2021 (“Effective Date”) by and between **University of North Texas Health Science Center** on behalf of its System College of Pharmacy (“UNT System College of Pharmacy”) and **University of North Texas Dallas** (“UNTDD”) pursuant and subject to the Memorandum of Understanding between UNTHSC and UNTD, HSC Contract# 2021-0580, dated 4/8/2021. In the event of a conflict between the Memorandum of Understanding and this Program Articulation Agreement, the provisions of the Memorandum of Understanding shall govern.

**Program Name:** Pharmacy Articulation

**Program objectives:** This program articulation agreement is designed for UNTD undergraduate students (“Participants”) to obtain a B.S. in Biology, using, in part, coursework successfully completed in the first year of the pharmacy curriculum at UNTHSC.

Participants will benefit by gaining the opportunity for admission to the pharmacy college, with reduced costs associated with completion of an undergraduate degree, better preparation for a rigorous pharmacy curriculum, and/or eligibility for dual degree programs offered at UNT System College of Pharmacy.

The pathways of fulfillment established under this agreement shall be outlined in **Exhibit A**.

Each institution reserves the right to take any action up to and including termination of this Program Articulation Agreement for cause in accordance with the aforementioned governing Memorandum of Understanding. In the event of termination of the Program Articulation Agreement the Memorandum of Understanding shall remain in full force and effect.

In witness whereof, each party has caused this Program Articulation Agreement to be executed by its authorized representative on the date set forth below.

**SCHOOL: University of North Texas  
Health Science Center**

**University of North Texas Dallas**

DocuSigned by:  
By: Charles Taylor, PharmD  
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By: Betty H Stewart

Name: Charles Taylor, PharmD

Name: Betty H Stewart, PhD

Title: Provost & EVP, Academic Affairs

Title: Provost and Vice President of Academic Affairs

Date: 6/21/2021

Date: June 18, 2021

## **EXHIBIT A**

### **Responsibilities of the Parties**

Subject to the other terms of this Agreement, UNTD will offer participants the appropriate undergraduate courses, the successful completion of which, when combined with the successful completion of the First Year Pharmacy College Curriculum, will satisfy curricular requirements for the Bachelor of Science (“BS”) Degree with a major in Biology. Completion of the entire Pharmacy College Curriculum, however, is not required for earning the BS Degree. UNTD will also evaluate Participants’ coursework taken from other undergraduate institutions, and apply such coursework towards BS Degree requirements where appropriate.

Subject to the other terms of this Agreement, UNT System College of Pharmacy will offer the PharmD degree, a four-year curriculum, leading to the PharmD (the “Pharmacy College Curriculum”), the successful completion of the first year of which (the “First Year Pharmacy College Curriculum”), when transferred to UNTD and combined with the successful completion of the Undergraduate Curriculum, will satisfy curricular requirements of a BS Degree with a major in Biology from UNTD.

### **Curricular Design and Evaluation of Coursework**

The Parties recognize that the design of the Undergraduate Curriculum, as well as the evaluation and approval of coursework transferred from undergraduate institutions and the UNT System College of Pharmacy, is solely controlled by UNTD. The design of the Pharmacy College Curriculum, as well as the selection of undergraduate courses required for entry, is solely controlled by UNT System College of Pharmacy.

Notwithstanding the foregoing, the Parties agree to coordinate and cooperate to assure that the Undergraduate Curriculum and the First Year Pharmacy College Curriculum will be designed for the Reverse Articulation Agreement in such a manner that, when combined and successfully completed by a Participant, the Participant shall have the completed courses sufficient to satisfy the curricular requirements necessary for a BS Degree with a major in Biology.

The Parties will review and approve their respective curricula, including the Undergraduate Curriculum and First Year Pharmacy College Curriculum, annually for accreditation and other appropriate purposes. The Parties will mutually agree on curriculum changes during the course of the agreement; such changes will be documented and acknowledged in writing. Once a Participant is admitted to UNTD, rules and eligibility pertaining to catalog year will determine the Participant's Undergraduate Curriculum, University level requirements, and BS Degree requirements.

### **Participation in the Reverse Articulation Agreement**

UNT College of Science will accept UNTD undergraduates it deems eligible in its sole discretion ("Undergraduate Participants") into the Undergraduate Curriculum level consistent with eligibility requirements, and award the BS Degree according to the requirements set forth in Attachment A. UNT System College of Pharmacy will admit Undergraduate Participants it deems eligible, in its sole discretion, into the Pharmacy College Curriculum ("Pharmacy College Participants"). Successful completion of the Undergraduate Curriculum level does not assure admission to the Pharmacy College Curriculum, which can only occur when an Undergraduate Participant has applied to and been accepted by UNT System College of Pharmacy.

To acquire the BS Degree with a major in Biology, a Pharmacy College Participant must request that an official transcript, from UNT System College of Pharmacy be sent to the UNTD's registrar's office, whereby the credits earned by the Pharmacy College Participant in the First Year of Pharmacy College Curriculum are applied to satisfy curricular requirements of the BS Degree as outlined in Attachment A.

In addition to transcripts showing his or her successful completion of the First Year of Pharmacy College Curriculum, the participant must complete a graduation application and submit it to the UNTD Registrar. After confirmation that the Participant has met all BS Degree requirements, and is cleared for graduation, UNTD shall award the Participant the BS Degree with a major in Biology. Participants have three years, after successful completion of the First Year of Pharmacy College Curriculum, to transfer the first year of pharmacy coursework to UNTD, fulfill all other requirements in the BS Degree, and be cleared for graduation.

### **Term and Other Provisions**

The term of this program articulation agreement shall begin on the Effective Date and shall terminate in five (5) years unless terminated earlier by either Party on written notice to the other, provided at least a 60-day notice prior to the proposed termination date. Furthermore, if this Agreement is terminated while there are any Participants in the degree track, those Participants will be allowed to complete the track in accordance with the terms under which they were admitted.

Notwithstanding the foregoing, this agreement will be reviewed on an annual basis, and the Parties agree that they will negotiate in good faith to develop the policies, agreements, protocols, and standards necessary to fully define and facilitate the agreement.

**Reverse Articulation Agreement and Requirements to Complete the BS Degree in Biology**

First Year Pharmacy College Curriculum at the UNT System College of Pharmacy

<b>Course</b>	<b>Description</b>
<b>PHAR 7411</b>	Physiologic Basis for Pharmacotherapy
<b>PHAR 7412</b>	Metabolic Basis for Pharmacotherapy
<b>PHAR 7315</b>	Pharmacy Practice 1: The Profession
<b>PHAR 7117</b>	Pharmaceutical Calculations
<b>PHAR 7217</b>	Pharmacy Practice Skills Lab 1
<b>PHAR 7313</b>	Pharmaceutics 1
<b>PHAR 7316</b>	Non-Prescription Therapies 1, Immunizations and IPPE

<b>Course</b>	<b>Description</b>
<b>PHAR 7331</b>	Immune Based Diseases and Immunotherapy
<b>PHAR 7322</b>	Pharmacogenetics, Genomics and Personalized Medicine
<b>PHAR 7323</b>	Pharmaceutics 2
<b>PHAR 7325</b>	Pharmacy Practice 2: Communications
<b>PHAR 7232</b>	Principles of Medicinal Chemistry and Pharmacology
<b>PHAR 7227</b>	Pharmacy Practice Skills Lab 2
<b>PHAR 7326</b>	Non-Prescription Therapies 2 and IPPE
<b>PHAR 7229</b>	Community Pharmacy Operations and Practice

BS degree requirements at UNTD will be met by applying UNT System College of Pharmacy courses as follows:

Course that satisfies the Physiology requirement in the BS Biology degree:  
PHAR 7411 will substitute for BIOL 4310 – Animal Physiology

Courses that satisfy the 120 Minimum Hour requirement in the BS Biology degree:  
PHAR 7411, 7412, 7315, 7117, 7217, 7313, 7316, 7331, 7322, 7323, 7325, 7232, 7227, 7326, 7229

Courses that satisfy the 42 Advanced Hour requirement in the BS Biology degree:  
PHAR 7411, 7412, 7315, 7117, 7217, 7313, 7316, 7331, 7322, 7323, 7325, 7232, 7227, 7326, 7229

Courses that satisfy the Major Elective requirement of 12 hours in the BS Biology degree:  
PHAR 7411, 7412, 7315, 7117, 7217, 7313, 7316, 7331, 7322, 7323, 7325, 7232, 7227, 7326, 7229

Students must meet the residency requirement of 30 hours at UNTD. Students must have satisfied all 42 hours of core course requirements. Students must have satisfied the Major Requirement of 24 Hours. In addition, students must have completed BIOL 3451, BIOL 3510, BIOL 4260, PHYS 1420 and PHYS 1440.

8 semester plan for the BS in Biology:

UNTD	UNTD	UNTD	HSC
Year 1	Year 2	Year 3	Year 4
Semester 1	Semester 3	Semester 5	Semester 7
ENGL 1313	CHEM 3370/3210	BIOL 3510	PHAR 7411
CHEM 1410/1430	BIOL 2301/2311	BIOL 4260	PHAR 7412
PSCI 1040	BIOL 3307/3107	PHYS 1410/1430	PHAR 7315
BIOL 1710/1730	MATH 2424	HIST 2610	PHAR 7117
ART 1300	SOCI 1510	BIOL 3000 or 4000	PHAR 7217
			PHAR 7313
			PHAR 7316
Semester 2	Semester 4	Semester 6	Semester 8
COMM 2300	CHEM 3380/3220	PHYS 1420/1440	PHAR 7331
CHEM 1420/1440	BIOL 3451	HIST 2620	PHAR 7322
PSCI 1050	MATH 1680	BIOL 3000 or 4000	PHAR 7323
BIOL 1720/1740	ENGL 2220	BIOL 3000 or 4000	PHAR 7325
ENGL 1314	BIOL 3000 or 4000	BIOL 3000 or 4000	PHAR 7232
			PHAR 7227
			PHAR 7326
			PHAR 7229