



MEMORANDUM OF UNDERSTANDING

between

Columbia Basin College

and

*the College of Pharmacy and Pharmaceutical Sciences at
Washington State University*

The Columbia Basin College (CBC) and Washington State University (WSU) hereby enter into a Memorandum of Understanding (MOU) to facilitate the implementation of the Customized Articulation Agreement (CAA) for the prerequisites courses required to be eligible to apply for entry into the Doctor of Pharmacy program at WSU.

The Customized Articulation Agreement is intended to eliminate duplication of coursework and better integrate programs to ensure a more efficient pathway to graduation. The purpose of this set of advising recommendations is to provide students of CBC a more efficient pathway to the WSU College of Pharmacy. Students who complete the CBC approved Associate in Arts & Sciences Degree (AA/DTA) described in this document are eligible for admission into the Doctor of Pharmacy degree program. The focus of this agreement is to facilitate the acceptance of this specific AA/DTA degree as equivalent to the prerequisites required for the Doctor of Pharmacy program. Since admission to the Doctor of Pharmacy program is a competitive process, all students completing this AA/DTA degree must participate in and be accepted through the Doctor of Pharmacy admissions process as outlined on the website www.pharmacy.wsu.edu.

Transfer coursework for students completing the AA/DTA degree covered by this MOU will be applied to the Washington State University Common Requirements (UCORE, the general education program), as applicable under the WSU Transfer Course Equivalency Guidelines, and to the individual degree options within the college of pharmacy as specified in this agreement. The transfer of credit allowed under this MOU is structured to maximize the use of CBC credit applicable to each specific degree option, up to the total of 73 semester credits of lower-division transfer credit allowed under Washington State University policy. All such credit not applicable under the WSU Transfer Course Equivalency Guidelines applies only to the WSU degree(s) covered by this agreement. If students transfer prior to completing the transfer degree, acceptance of the courses toward a WSU degree will be based on WSU Transfer Equivalency Guidelines.

The agreed upon courses of study for completion of the pre-requisites is outlined in Attachment A of this MOU. Attachment A details the specific courses to be completed as a term-by-term course of study at CBC to fulfill the prerequisites required to be eligible to apply for entry into the doctor of pharmacy program.

The required course of study may be changed at any time with the mutual written agreement of the participating institutions. At such time, the Attachment to this MOU will be updated. Suggestions about which courses of study need to be reviewed will be called for each year. However, unless otherwise agreed upon by both institutions on an individual student basis, students will be responsible for completing the pre-requisites in effect at the time the student applies to the doctor of pharmacy program specified in this MOU.

The term of this MOU will be for three (3) years, beginning on the date of the last signature of the parties authorized to execute this MOU.

Either party may terminate this MOU by giving written notice to the other party at least 90 days prior to the first date of a new academic quarter. The CAA and MOU will continue to apply to students who were admitted/applied/declared AA/DTA degree to the doctor of pharmacy program specified in this MOU prior to the date of termination.

Neither party shall discriminate against any person on the basis of race, color, national origin, age, perceived or actual physical or mental disability, pregnancy, genetic information, sex, sexual orientation, gender identity, marital status, creed, religion, honorably discharged veteran or military status, or use of a trained guide dog or service animal, as required by Title VI of the Civil Rights Act of 1964, Title VII of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, Sections 504 and 508 of the Rehabilitation Act of 1973, the Americans with Disabilities Act and ADA Amendment Act, the Age Discrimination Act of 1975, the Violence Against Women Reauthorization Act and Washington State's Law Against Discrimination, Chapter 49.60 RCW and their implementing regulations.

All notices concerning this MOU will be considered given at the time of receipt of the notice by the other party as follows:

If to CBC: 2600 N. 20th Ave
MS- A1
Pasco, WA 99301
Attn: Rebekah Woods
Email: rwoods@columbiabasin.edu

If to WSU: 402 E Spokane Falls Blvd.
PBS 130
Spokane, WA 99201
Attn: Jennifer Robinson
Email: jenirolinson@wsu.edu

Each party to this MOU shall be responsible according to applicable local, state and federal laws for the acts or omissions of its own employees, officers, agents, or assigns in performance of this MOU and the related CAA. Neither party to this MOU shall be considered the agent of the other, nor does either party assume any responsibility for the consequences of any act or omission of any person or entity not party to this MOU.

The undersigned certify this Memorandum of Understanding:

Washington State University



Dr. Daryll DeWald, Executive Vice President of Health Sciences

April 19, 2023

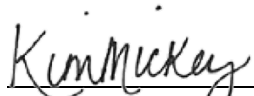
Date



Dr. Mark Leid, Dean, CPPS

April 12, 2023

Date




Kim Mickey, Director of Student Services, CPPS

April 12, 2023

Date

Columbia Basin College



Dr. Rebekah Woods, President

May 2, 2023


Date



Dr. Michael Lee, Vice President for Instruction

May 2, 2023

Date



Rod Taylor, Dean for Math, Science and Engineering

April 20, 2023

Date

ATTACHMENT A
Term-by-Term Planning Sheet and Customized Articulation Agreement
CBC, Associate of Arts Transfer Degree→WSU College of Pharmacy, Doctor of Pharmacy Program

Columbia Basin College

| <i>Course #</i> | <i>Course Title</i> | <i>Quarter Credits¹</i> | <i>Sem. Credits</i> |
|--------------------------------|--|------------------------------------|---------------------|
| Year 1 - Fall Quarter | | | |
| CHEM& 161 | General Chemistry: w/Lab I | 6 | 4.02 |
| MATH&141 | Precalculus I | 5 | 3.35 |
| ENGL&101 | English Composition I | 5 | 3.35 |
| PE/Health | Varies | 3 | 2.01 |
| Total Credits | | 19 | 12.73 |
| Year 1 - Winter Quarter | | | |
| CHEM& 162 | General Chemistry w/ Lab II | 6 | 4.02 |
| BIOL& 160 | General Biology w/Lab | 5 | 3.35 |
| ENGL& 102 | English Composition II | 5 | 3.35 |
| CMST 104 | Speech Essentials | 3 | 2.01 |
| Total Credits | | 19 | 12.73 |
| Year 1 - Spring Quarter | | | |
| CHEM& 163 | General Chemistry w/ Lab III | 6 | 4.02 |
| BIOL& 241 ⁴ | Human A&P 1 w/Lab | 6 | 4.02 |
| PHIL 150 | Introduction to Ethics | 5 | 3.35 |
| Total Credits | | 17 | 11.39 |
| Year 1 - Summer Quarter | | | |
| BIOL& 242 ⁴ | Human A&P 2 w/Lab | 6 | 4.02 |
| MATH& 146 | Introduction to Probability and Statistics | 5 | 3.35 |
| Social Science Group A or B | Varies | 5 | 3.35 |
| Total Credits | | 16 | 10.72 |
| Year One Total | | 71 | 47.57 |
| Year 2 - Fall Quarter | | | |
| CHEM& 241 | Organic Chemistry I | 4 | 2.68 |
| CHEM& 251 | Organic Chemistry Lab I | 2 | 1.34 |
| BIOL& 260 ² | Microbiology | 6 | 4.02 |
| Social Sciences Group A or B | Varies | 5 | 3.35 |
| Total Credits | | 17 | 11.39 |
| Year 2 - Winter Quarter | | | |
| CHEM& 242 | Organic Chemistry II | 4 | 2.68 |
| CHEM& 252 | Organic Chemistry Lab II | 2 | 1.34 |
| Humanities Group A | Varies | 5 | 3.35 |
| Social Sciences Group A or B | Varies | 5 | 3.35 |
| Total Credits | | 16 | 10.72 |
| Year 2 - Spring Quarter | | | |
| CHEM& 243 | Organic Chemistry III | 4 | 2.68 |
| CHEM& 253 | Organic Chemistry Lab III | 2 | 1.34 |
| CHEM 260 ³ | Biochemistry | 5 | 3.35 |
| PHIL 106 | Introduction to Logic | 5 | 3.35 |
| Total Credits | | 16 | 10.72 |
| Year Two Total | | 49 | 32.83 |
| Total CBC Credits | | 120 | 80.40 |

NOTES:

¹ Conversion formula for quarter to semester credits: Quarter credits x .67 = Semester credits

² BIOL& 260 Microbiology is not equivalent to MBios 304 and 305 at WSU, but will satisfy the Microbiology pre-req requirement for the doctor of pharmacy program.

³ CHEM 260 is not equivalent to MBioS 303 at WSU, but will satisfy the pre-req requirement for pharmacy.

⁴ BIOL& 241 and 242 are not equivalent to BIOL 315 and 353 at WSU, but will satisfy the pre-req requirement for pharmacy.

ATTACHMENT A

Term-by-Term Planning Sheet and Customized Articulation Agreement

CBC, Associate of Arts Transfer Degree → WSU College of Pharmacy, Doctor of Pharmacy Program

WSU PharmD Prerequisites

Arts and Humanities*

CBC Equivalent

12-15 credits*

*At least one course in this category must be an English Composition course if you are not completing a degree.

The courses **above** may be completed by the end of the summer term before beginning the PharmD program.

The courses **below** must be completed by the end of the spring term before beginning the PharmD program.

WSU PharmD Science Prerequisites

Algebra, Precalculus, or higher

Statistics

Organic Chemistry

Microbiology w/lab

Biochemistry

Gross and Microanatomy

Mammalian Physiology

CBC Equivalent

MATH&141 or higher

MATH& 146 or BA 256

CHEM&241, 242, 243, 251 and 252

BIOL& 260

CHEM 260

BIOL& 241 and 242

BIOL& 241 and 242