

**ARTICULATION AGREEMENT FOR
BIOLOGY
BETWEEN NORTHERN WYOMING COMMUNITY COLLEGE DISTRICT
AND UNIVERSITY OF WYOMING**

OVERVIEW:

This formal program articulation agreement is made and entered into by Northern Wyoming Community College, hereinafter referred to as NWCCD, and University of Wyoming, hereinafter referred to as UW. By this agreement NWCCD and UW express a shared commitment to increasing opportunities for student access to and success in higher education.

PURPOSE:

This agreement provides students who have completed the **Associate of Science** degree with articulated coursework in Biology the opportunity to complete a **Bachelor of Science in Biology** degree at UW. Any NWCCD student who has earned an Associate of Science degree with coursework that adheres to the guidelines within this agreement is guaranteed that UW will: 1) apply the relevant general education credits; 2) accept designated major related credits; and 3) give the student UW class standing consistent with the articulated curriculum herein and in a manner consistent with the treatment of native UW students in the Bachelor of Science degree.

CONDITIONS OF TRANSFER:

Section I: Admissions and Matriculation

NWCCD students maintaining continuous enrollment under this agreement and following the curriculum plan in place under the NWCCD catalog of record will matriculate to the UW academic program in place for that catalog year. A break in enrollment that is not a summer semester may cause the student to be readmitted under a different catalog year. In that case, this articulation agreement may not remain valid.

Criteria for acceptance into UW Arts and Sciences will be consistent with the criteria outlined in the institutional articulation agreement between NWCCD and UW.

NWCCD, upon request of students, will provide verification of completed courses to UW through its Office of Registration and Records.

Transfer students from NWCCD will have access to financial aid, scholarships, and student services on a similar basis as native students.

UW will apply the same academic progress and graduation standards to NWCCD transfer students as are applicable to native UW students in the same catalog year.

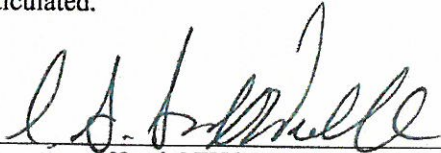
Section II: Program Plan

While a course-by-course equivalence was used in the development of this plan, this agreement presumes that the general education core requirements at NWCCD meet general education requirements at UW under the statewide block transfer articulation agreement. Students falling under this program articulation agreement will be responsible for successfully completing the additional program core requirements as noted in section below.

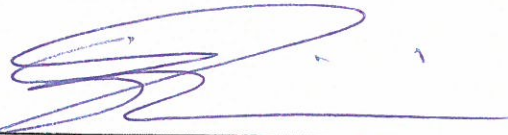
ARTICULATION AGREEMENT SIGNATURE PAGE

In signing this document, all parties agree to honor both the spirit and intent of this program-level articulation of an Associate's degree in Biology from NWCCD with a Bachelor's degree in Biology from the University of Wyoming. Students who follow the attached curriculum and complete all the agreed-upon requirements will be able to graduate with degrees from both institutions in a timely manner.

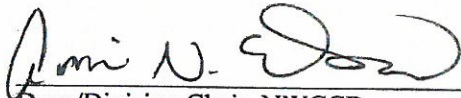
This agreement is made and entered into in the academic year 2015-2016 and remains in force unless a new articulation agreement is signed by all parties. The agreement is subject to annual review to assure currency with the respective degree requirements, and may be amended at any time, affecting students from the date of the amendment forward. Should either party desire to discontinue this agreement, advance notification of one year will be required and students enrolled under the Agreement who remain continuously enrolled will be allowed to complete the program as articulated.



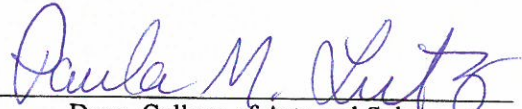
Department Head, NWCCD
Date: 11.17.15



Department Head, UW
Date: 12/2/15

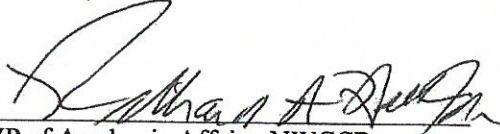


Dean/Division Chair, NWCCD
UW
Date: 11/17/15

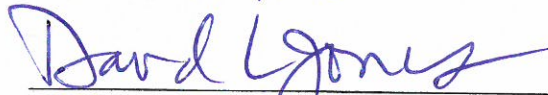


Dean, College of Arts and Sciences,

Date: 12/2/15



VP of Academic Affairs, NWCCD
Date: 11/17/15



VP of Academic Affairs, UW
Date: 12/3/15

Biology, AS



Northern Wyoming Community College District

FRESHMAN YEAR

Fall Semester			Hrs	Spring Semester			Hrs
BIOL	1010	General Biology I	4	BIOL ¹			3
MATH	1400	Pre-Calculus Algebra	4	MATH	2200	Calculus I	
ENGL	1010	English I	3	OR			4
CHEM	1020	General Chemistry	4	STAT	2050	Fundamentals of Statistics	
				PHYS	1110	General Physics I	4
						Advanced Writing Requirement	3
						Health & Wellness Requirement	3
TOTAL			<u>15</u>	TOTAL			<u>17</u>

SOPHOMORE YEAR

Fall Semester			Hrs	Spring Semester			Hrs
PHYS	1120	General Physics II	4	CHEM	2300	Organic Chemistry	4
		General Studies ²	3			U.S. & WY Constitution	3
		Cultural Studies Requirement	3	BIOL ³			4
BIOL	2400	Ecology	3	CO/M	1010	Introduction to Public Speaking	3
BIOL	2410	Field Ecology Lab	2				
TOTAL			<u>15</u>	TOTAL			<u>14</u>
TOTAL NWCCD AS DEGREE HOURS							<u>61</u>

Successful completion of the 2+2 plan requires that a student remain continuously enrolled and graduate with the associate's degree from his or her respective community college. • This is a guide for course work in the major; actual course sequence may vary by student. Please refer to the online student degree evaluation. • Not all courses are offered every semester and some electives may have prerequisites. Students should review the course descriptions in the catalogs of their respective institutions and consult with their academic advisor to plan accordingly. • Academic plans and course schedules may need to be altered if ACT or Math Placement scores require a student to take pre-college courses (e.g., MATH 0900, 0921, or 0925) before taking required math or English courses.

Northern Wyoming Community College District requirements:

In order to graduate, students must successfully complete a minimum of 60 credit hours, 15 of which must be from Sheridan College, with a grade point average of 2.0 or better at course level of 1000 or higher.

University of Wyoming requirements:

Students must have a minimum cumulative GPA of 2.0 to graduate. • Students must complete 42 hours of upper division (3000-level or above) coursework, 30 of which must be from the University of Wyoming. • Courses must be taken for a letter grade unless offered only for S/U.

¹ Choose either BIOL 2020 (General Biology II) or 2022 (Animal Biology)

² Must meet UW A&S Global Awareness Requirement

³ Choose either BIOL 2020 (General Biology II) or 2023 (Plant & Fungal Biology)

Biology, BS



University of Wyoming

JUNIOR YEAR

Fall Semester			Hrs	Spring Semester			Hrs
MATH	2200	Calculus I		CHEM/ MOLB	3610	Biochemistry	4
		OR	4	LIFE	3050	Genetics	4
STAT	2050	Fundamentals of Statistics		LIFE	3500	Evolutionary Biology	3
COSC	1010	Computer Science	3	3000+		Elective	4
		A&S Diversity in the US Requirement	ASD				
			3				
	3000+	Electives					6
TOTAL			<u>16</u>	TOTAL			<u>15</u>

SENIOR YEAR

Fall Semester			Hrs	Spring Semester			Hrs
LIFE	3600	Cell Biology	4	3000+		Electives	14
BOT	4100	Scientific Communication	C3				3
	3000+	Electives					8
TOTAL			<u>15</u>	TOTAL			<u>14</u>
						TOTAL UW HOURS	<u>60</u>
						TOTAL UW BS DEGREE HOURS	<u>121</u>

NWCCD			Equivalent University of Wyoming Courses		
Program Core Requirements			Program Core Requirements		
Course	Course Title	Credits	Course	Course Title	Credits
BIOL 1010	General Biology I	4	LIFE 1010	General Biology	4
BIOL 2020	General Biology II	4*	LIFE 2022 or 2023	Animal Biology or Plant and Fungal Biology	4*
BIOL 2022	Animal Biology	4	LIFE 2022	Animal Biology	4
BIOL 2023	Plant and Fungal Biology	4	LIFE 2023	Plant and Fungal Biology	4
BIOL 2400	General Ecology	3	LIFE 3400	General Ecology	3
BIOL 2410	Field Ecology Lab	2	LIFE 3410	Introduction to Field Ecology	2
CHEM 1020	General Chemistry I	4	CHEM 1020	General Chemistry I	4
CHEM 2300	Organic Chemistry	4	CHEM 2300	Organic Chemistry	4
PHYS 1110	General Physics I	4	PHYS 1110	General Physics I	4
PHYS 1120	General Physics II	4	PHYS 1120	General Physics II	4
MATH 1400	Pre-Calculus	3	MATH 1400	College Algebra	3
MATH 2020	Calculus I or	4	MATH 2020	Calculus I	4
STAT 2050	Fundamentals of Statistics		STAT 2050	Fundamentals of Statistics	
Total Program Core Credits		40	Total Program Core Credits		40
Total Associate Degree Hours		60	Total Associate Degree Hours		60

Special Notes or Requirements (minimum grade requirements, etc.):

*BIOL 2020 at NWCCD may substitute for either LIFE 2022 or 2023 at UW, but not both. A total of 8 credit hrs (2 courses) are required for the 2000 level Biology coursework.

**UNIVERSITY OF WYOMING COURSEWORK TO COMPLETE
BACHELORS DEGREE IN BIOLOGY:**

Courses needed for major in Biology:

Course Number	Course Title	Credit Hrs
LIFE 3050	Genetics	4
LIFE 3500	Evolutionary Biology	3
LIFE 3600	Cell Biology	4
CHEM/MOLB 3610	Principles of Biochemistry	4
COSC 1010	Introduction to Computer Science	3
BOT 4100	Scientific Communication	3
MATH 2020 or STAT 2050	Calculus I	4