

**ARTICULATION AGREEMENT FOR
BIOLOGY
BETWEEN LARAMIE COUNTY COMMUNITY COLLEGE
AND UNIVERSITY OF WYOMING**

OVERVIEW:

This formal program articulation agreement is made and entered into by Laramie County Community College, hereinafter referred to as LCCC, and University of Wyoming, hereinafter referred to as UW. By this agreement LCCC 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 LCCC 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

LCCC students maintaining continuous enrollment under this agreement and following the curriculum plan in place under the LCCC 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 LCCC and UW.

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

Transfer students from LCCC 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 LCCC 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 LCCC 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.

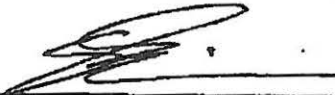
ARTICULATION AGREEMENT SIGNATURE PAGE

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 Natural Sciences - Biology from LCCC 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.



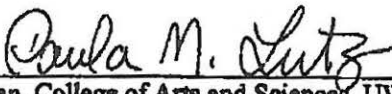
Department Head, LCCC
Date: 12/4/15



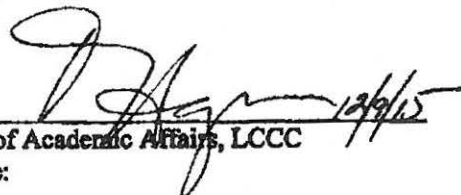
Department Head, UW
Date: 11/9/15



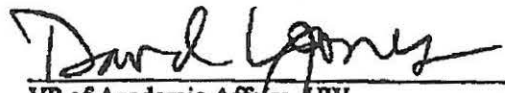
Dean/Division Chair, LCCC
Date: 11/5/15



Paula M. Lutz
Dean, College of Arts and Sciences, UW
Date: 11/12/15



VP of Academic Affairs, LCCC
Date: 12/9/15



David Jones
VP of Academic Affairs, UW
Date: 11/17/15

Natural Science - Biology, AS



Laramie County Community College

FRESHMAN YEAR

Fall Semester				Hrs	Spring Semester				Hrs
BIOL	1010	General Biology		4	BIOL	2022	Animal Biology		4
CHEM	1020	General Chemistry I		4	CHEM	1030	General Chemistry II		4
COLS	1000	First Year Seminar		3	MATH	1405	Trigonometry		3
MATH	1400	College Algebra			ENGL	1010	English I		3
		OR		3					
MATH	1401	College Algebra-STEM Specific							
TOTAL				<u>14</u>	TOTAL				<u>14</u>

SOPHOMORE YEAR

Fall Semester				Hrs	Spring Semester				Hrs
CO/M	1010	Public Speaking		3	STAT	2050	Fundamentals of Statistics		4
MATH	2200	Calculus I		4			Aesthetic Analysis Elective		3
		Cultural Awareness Elective		3	PHYS	1120	General Physics II		4
PHYS	1110	General Physics I		4			Wyoming State Requirement		3
BIOL	2023	Biology of Plant & Fungi		4					
TOTAL				<u>18</u>	TOTAL				<u>14</u>
TOTAL LCCC AS DEGREE HOURS									<u>60</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.

Laramie County Community College requirements:

In order to graduate, students must successfully complete a minimum of 60 credit hours, 15 of which must be from Laramie County Community College, with a grade point average of 2.0 or better at course level of 1000 or higher (ENGL 1001 does not apply).

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.

UW College of Arts and Sciences requirements:

Students must take two "core" courses in addition to UW's University Studies Program requirements: Diversity in the United States (ASD) and Global Awareness (ASG). • No more than 60 hours in the major subject may be used toward the 120 credit hours required for graduation. • At least 30 hours in the major subject must be completed with a grade of C or better (the major may require more).

Biology, BS



University of Wyoming

JUNIOR YEAR

Fall Semester			Hrs	Spring Semester			Hrs
LIFE	3050	Genetics	4	MOLB	3610	Principles of Biochemistry	4
CHEM	2300	Introduction to Organic Chemistry	4	A&S		A&S Core Global Awareness	ASG 3
LIFE	3400	General Ecology	3	LIFE	3500	Evolutionary Biology	3
COSC	1010	Introduction to Computer Science	3			Elective	4
TOTAL			<u>14</u>	TOTAL			<u>14</u>

SENIOR YEAR

Fall Semester			Hrs	Spring Semester			Hrs
BOT	4100	Scientific Communication	3	Upper Division Electives			16
LIFE	3600	Cell Biology	4				
		A&S Core Diversity in U.S.	ASD 3				
		Upper Division Electives	6				
TOTAL			<u>16</u>	TOTAL			<u>16</u>
						TOTAL UW HOURS	<u>60</u>
						TOTAL UW BS DEGREE HOURS	<u>120</u>

LCCC Natural Science Program Notes:

Students are strongly encouraged to take a General Education Electives that corresponds to the College of Arts & Sciences Diversity (D) and Global Studies (G) electives or else they will have to take D & G's at UW.

Courses that meet the Wyoming State Requirement include: U.S. to 1865 (HIST 1211), U.S. from 1865 (HIST 1221), Wyoming History (HIST 1251), Economics, Law, & Government (ECON 1200).

A minimum grade of C is required for BIOL 1010, BIOL 2022, MATH 1400, MATH 1405.

LCCC			Equivalent University of Wyoming Courses		
General Education			General Education		
Course	Course Title	Credits	Course	Course Title	Credits
COLS 1000	Freshman Seminar (UNST)	3	USP FYS	First Year Seminar	3
ENGL 1010	English I	3	ENGL 1010	College Comp. & Rhetoric	3
CO/M 1010	Introduction to Public Speaking	3		USP COM2	3
	Aesthetic Analysis Elective	3		USP H	3
	Cultural Awareness Elective	3		USP H	3
	Wyoming State Requirement	3		USP V	3
Total General Education Credits		18	Total General Education Credits		18
Program Core Requirements			Program Core Requirements		
Course	Course Title	Credits	Course	Course Title	Credits
BIOL 1010	General Biology	4	LIFE 1010	General Biology	4
BIOL 2022	Animal Biology	4	LIFE 2022	Animal Biology	4
BIOL 2023	Biology of Plants and Fungi	4	LIFE 2023	Biology of Plants and Fungi	4
CHEM 1020	General Chemistry I	4	CHEM 1020	General Chemistry I	4
CHEM 1030	General Chemistry II	4	CHEM 1030	General Chemistry II	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 or 1401	College Algebra	3	MATH 1400	College Algebra	3
MATH 1405	Trigonometry	3	MATH 1405	Trigonometry	3
MATH 2020	Calculus I	4	MATH 2020	Calculus I	4
STAT 2050	Fundamentals of Statistics	4	STAT 2050	Fundamentals of Statistics	4
Total Program Core Credits		42	Total Program Core Credits		42
Total Associate Degree Hours		60	Total Associate Degree Hours		60

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

**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 3400	General Ecology	3
LIFE 3500	Evolutionary Biology	3
LIFE 3600	Cell Biology	4
CHEM 2300	Intro to Organic Chemistry	4
MOLB 3610	Principles of Biochemistry	4
COSC 1010	Introduction to Computer Science	3
BOT 4100	Scientific Communication	3