

2025-2026 Block Transfer Map: Qualifying Transfer Associate Degree from a Wyoming Community College to the University of Wyoming

Secondary Science - Biological Science Education with Concurrent Major in Biology (BSSE), B.A.

This Block Transfer has been written for students who have earned a qualifying transfer associate degree (*Associate of Arts (AA)*, *Associate of Science (AS)*, *Associate of Business (AB)*, or *Associate Degree in Nursing (ADN)*) with a minimum of sixty (60) credits in any major from one of the Wyoming Community Colleges (WYCC) who wish to complete the Bachelor's degree in Biology Education and a concurrent major in Biology at the University of Wyoming (UW).

While some of the courses taken for the associate degree at the Community College are not specified in this document, the UW degree program relies on the foundational coursework completed for the associate degree to prepare the student for baccalaureate-level study.

Students may create a [WyoTransfer](#) account now to see how all completed coursework fulfills specific degree requirements.

Courses/categories that could/should be taken at the WYCCs are highlighted in GREEN. Students may satisfy these requirements by taking an equivalent course at a community college. The UW course is listed on the left; if a community college offers an equivalent course, it will be listed under the community college name in the table.

Courses/categories that are offered at some (but not all) of the WYCCs and at UW are highlighted in TURQUOISE. Students may take these courses at a community college that offers an equivalent course or after transferring to UW.

Courses/categories that must be taken at UW are highlighted in GOLD. If a student wishes to take any of these courses at another institution, they must speak with their UW academic adviser.

BLOCK 1: University Studies Program (USP) Requirements

This degree requires that The University Studies Program 2015 requirements are met before graduation. Some of the courses required for this major fulfill USP requirements, but not all. Students should check their degree evaluations and consult with their assigned academic advisor to discuss their specific course plan.

Please refer to the [University Catalog](#) and click on the link in the left-hand navigation pane titled "The University Studies Program 2015" for more information.

A grade of C or above is required for University Studies Program (USP) categories: FYS, C1, C2, and C3.

	USP Requirement	UW Course in Major
C1	Communication 1 (3cr)	Satisfied upon completion of qualifying associate degree
C2	Communication 2 (3cr)	Satisfied upon completion of qualifying associate degree
C3	Communication 3 (3cr)	EDSE 4275
Q	Quantitative Reasoning (3cr)	MATH 2200
PN	Physical and Natural World 1 (3cr)	LIFE 1010
PN	Physical and Natural World 2 (3cr)	CHEM 1020
H	Human Culture 1 (3cr)	EDST 2450
H	Human Culture 2 (3cr)	Satisfied upon completion of qualifying associate degree
V	U.S. & WY Constitution (3cr)	Satisfied upon completion of qualifying associate degree
	Any 3-credit hour of FYS or 3-credit hours of USP electives (3cr)	Satisfied upon completion of qualifying associate degree

Articulation Biology Education and a concurrent major in Biology.

This degree program leads to initial teaching licensure (leading to teaching certification). Graduates of this program earn a Bachelor's Degree in Biology Education and a concurrent major in Biology. It prepares students to teach Biology in grades 6-12.

BLOCK 2: Lower Division Requirements

University of Wyoming Requirements:

- Total minimum credits required (including transfer credit) is 120 credits.
- Students must complete 42 hours of upper division (3000-level or above) coursework, 30 of which must be taken in residence at UW.
- No more than 4 credits of physical activity may be applied to the minimum credit hour requirement for UW baccalaureate degree.
- Minimum Cumulative GPA is 2.00.
- The UW Office of the Registrar provides final approval of degree completion requirements prior to the awarding of any degree.

Professional Education Requirements

- All major courses must be passed with a grade of C or better.
- A minimum UW cumulative GPA of 2.75 is required for most junior and senior level professional education courses, including EDSE 4500 Residency in Teaching.
- A minimum GPA of 2.50 in major content courses is required.
- An initial background check must be completed prior to starting any field or practicum experience. Student fees cover the cost of this initial background check so work with your College of Education advisor for details.
- All Professional Education requirements must be completed with a grade of C or higher

UW Courses	Casper College	Central Wyoming College	Eastern Wyoming College	Laramie County Community College	Northern Wyoming Community College District	Northwest College Wyoming	Western Wyoming Community College
Professional Education Requirements							
Foundations							
EDST 2450 Foundations of Development and Learning (3cr) (H)	EDFD 2100 + PSYC 2300	EDFD 2100 + EDFD 2450	EDFD 2100 + EDFD 2450	EDST 2450	EDFD 2100 + PSYC 2300	EDST 2450	EDST 2450
ITEC 2360 - Teaching with Technology (3cr)	ITEC 2360	ITEC 2360	ITEC 2360	ITEC 2360	ITEC 2360	ITEC 2360	ITEC 2360
Completion of EDST 2450 with a minimum grade of C or better is a prerequisite for the following course:							
EDEX 2484 - Introduction to Special Education (3cr)	EDEX 2484	EDEX 2484	EDEX 2484	EDEX 2484	EDEX 2484	EDEX 2484	EDEX 2484
Practicum							
EDST 1200- Practicum I (1cr)	EDUC 2100	EDUC 2100	EDUC 2100	EDUC 2100	EDUC 2100	EDUC 2100	EDUC 2100
EDST 2200- Practicum 2 (1cr)							
Assessment							
EDST 2250 - Educational Assessment (3cr)	EDST 2250	EDST 2250		EDST 2250			EDST 2250
Major Content: Required Biology Courses							
LIFE 1010 - General Biology (4cr) (PN)	BIOL 1010	BIOL 1010	BIOL 1010	BIOL 1010	BIOL 1010	BIOL 1010	BIOL 1010
Plus Choose Two : LIFE 2022 - Animal Biology (4cr) AND/OR LIFE 2023 - Biology of Plants and Fungi (4cr) AND/OR LIFE/MICR/MOLB 2021 - General Microbiology (4cr)	BIOL 2022 and/or BIOL 2023 and/or MOLB 2210	BIOL 2022 and/or MOLB 2210	MOLB 2210	BIOL 2022 and/or BIOL 2023	BIOL 2022 and/or BIOL 2023 and/or MOLB 2210	BIOL 2023 and/or MOLB 2210	BIOL 2022 and/or BIOL 2023 and/or MOLB 2210

BLOCK 2: Lower Division Requirements continued

UW Courses	Casper College	Central Wyoming College	Eastern Wyoming College	Laramie County Community College	Northern Wyoming Community College District	Northwest College Wyoming	Western Wyoming Community College
Required Additional Coursework							
CHEM 1020 - General Chemistry I (4cr) (PN)	CHEM 1020	CHEM 1020	CHEM 1020	CHEM 1020	CHEM 1020	CHEM 1020	CHEM 1020
CHEM 2300 - Introductory Organic Chemistry (4cr)	CHEM 2300	CHEM 2300	CHEM 2300		CHEM 2300	CHEM 2300	CHEM 2300
PHYS 1110 - General Physics I (4cr) (PN)	PHYS 1110	PHYS 1110	PHYS 1110	PHYS 1110	PHYS 1110	PHYS 1110	PHYS 1110
PHYS 1120 - General Physics II (4cr) (PN)	PHYS 1120	PHYS 1120	PHYS 1120	PHYS 1120	PHYS 1120	PHYS 1120	PHYS 1120
MATH 2200 - Calculus I (4cr) (Q)	MATH 2200	MATH 2200	MATH 2200	MATH 2200	MATH 2200	MATH 2200	MATH 2200
STAT 2050 - Fundamentals of Statistics (4cr) (Q) OR LIFE 2100 - Intro Research and Analysis (4cr) (Q)	STAT 2050	STAT 2050	STAT 2050	STAT 2050	STAT 2050	STAT 2050	STAT 2050
COSC 1010 – Computational Thinking and Programming (3cr) OR COSC 1030 - Computer Programming (4cr) OR LIFE 2100 - Intro Research and Analysis (4cr) (Q) <i>Note: LIFE 2100 can only be applied for one of the above (4) credit options.</i>	COSC 1010 OR COSC 1030	COSC 1010 OR COSC 1030	COSC 1010 OR COSC 1030	COSC 1010 OR COSC 1030	COSC 1010 OR COSC 1030	COSC 1010 OR COSC 1030	COSC 1010 OR COSC 1030
Elective Earth/Space Science Course (3-4cr)	As Approved by department.						

BLOCK 3: Upper Division Requirements

UW Courses	
Professional Education Requirements	
Foundations	
<i>Completion of EDST 2450 with a minimum grade of C or better is a prerequisite for the following course:</i>	
EDST 3100 - Teacher as Practitioner (3cr) (C2)	<i>A copy of your valid Wyoming Substitute Teaching Permit must be on file with the College of Education Student Success Center no later than the first day of class.</i>
EDST 3480 - Diversity & the Politics of Schooling (3cr) (H)	
Practicum	
EDST 3101 - Practicum III (2cr) (C2)	Prerequisite: Declared education major, concurrent enrollment or successful completion of EDST 3100 with a C or better, successful completion of COM1 with a C or better, 2.75 cumulative GPA, successful completion of EDST 2450, ITEC 2360, EDEX 2484, and EDST 2550 with a C or better, junior standing, and current State of Wyoming Substitute Teacher Permit.

BLOCK 3: Upper Division Requirements continued

UW Courses	Casper College	Central Wyoming College	Eastern Wyoming College	Laramie County Community College	Northern Wyoming Community College District	Northwest College Wyoming	Western Wyoming Community College
Methods							
EDSE 3275 - Subject Matter Specific Methods I: Secondary Science Education (3-6cr) (3cr required)							
EDSE 4275 - Subject Matter Specific Methods II: Secondary Science Education (3-6cr) (4cr required) (C3)							
Residency							
Prerequisite: 2.750 cumulative GPA, 2.500 GPA in major content courses, completion of all content							
EDSE 4500 - Residency in Teaching (1-16cr) (12cr Required)							
EDSE 4550 - Residency Applications and Synthesis (3cr)	Prerequisite: Requires an active Student Teaching placement. And A grade of “C” or better in EDSE 42XX (secondary content-appropriate methods course) Corequisite: EDSE 4500						
Major Content							
Required Biology Courses							
LIFE 3400 - General Ecology (3cr)	BIOL 2400		BIOL 2400		BIOL 2400	BIOL 2400	BIO L2400
BIOL 2400 offered at CC, EWC, NWCCD, NWC & WWCC will satisfy course requirement however will not satisfy University Upper Division requirements.							
LIFE 3050 - Genetics (4cr)							
LIFE 3500 - Evolutionary Biology (3cr)							
LIFE 3600 - Cell Biology (4cr)							
Required additional Coursework							
MOLB 3610 - Principles of Biochemistry (4cr)							
Electives							
9 hours - minimum. (with 6 hours of 3000-level or above and at least one course with an environmental focus); courses must come from ANVS, BOT, ENTO, KIN, LIFE, MICR, MOLB, PLNT, RNEW, or ZOO.							

COURSE SUBSTITUTIONS: Block articulations are intended to reflect direct published equivalencies between institutions. UW academic departments occasionally arrange for course substitutions when indirect equivalencies exist. Please contact your UW Academic Advisor for details.

EFFECTIVE DATE: This document is in effect as of the 2025-2026 catalog year; it reflects the published UW curriculum as of that date. Any changes to the UW curriculum or the WYCC course equivalents will require this document to be updated. To request an updated document, faculty should contact transfer@uwyo.edu via email.